



Beloit
WISCONSIN



2020 - 2025
**CAPITAL IMPROVEMENT
PROGRAM**
Adopted November 4, 2019

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November 4, 2019

To Council President Regina Dunkin, Members of the City Council, and Residents of the City of Beloit:

It is my pleasure to present to you the Adopted 2020-2025 Capital Improvement Program (CIP) for the City of Beloit. The CIP represents a plan to meet the capital improvement needs of the City and its citizens over the course of a six year planning period. The first year of the CIP represents the capital budget for next fiscal year. The ensuing five year period identifies long range capital improvements critical to the future needs of the City and community. The CIP also identifies how the City proposes to fund the capital improvements.

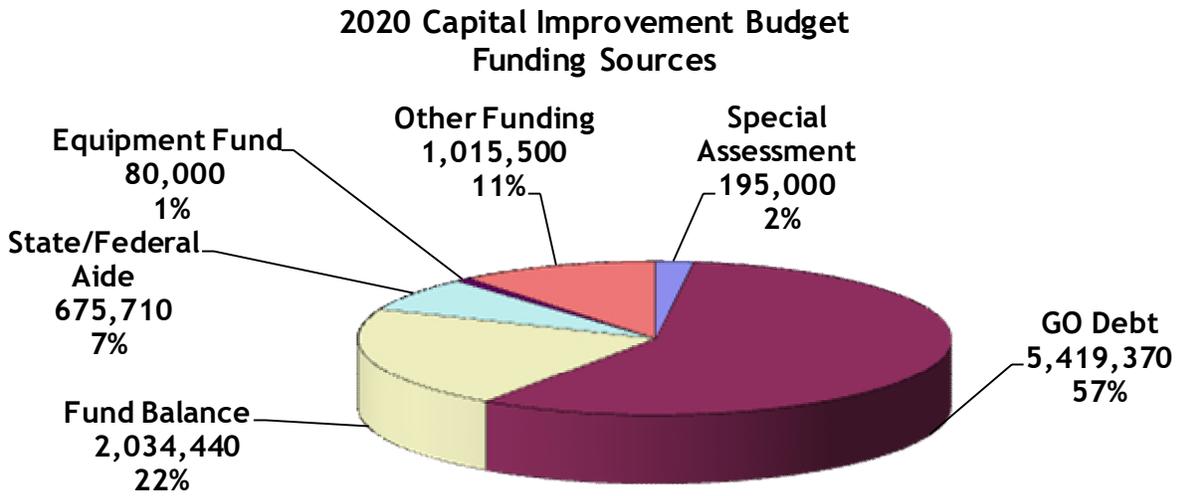
Next year's Capital Improvement Program (CIP) budget includes projects totaling \$9.4 million which is an \$81,000 decrease from 2019. Funding for the CIP projects consist of \$5.4 million in general obligation bonds/notes, \$2.0 of fund balance, \$80,000 of equipment funds, \$0.7 million of State and Federal aids, and \$1.2 million from special assessments and other funding sources. The projects include \$6.4 million in infrastructure improvements, \$1.4 million in capital equipment, \$250,000 in economic development, and \$1.1 million in buildings and grounds.

The City's debt policy requires maintaining an outstanding general obligation debt to equalized assessed value ratio of 3.50% or less. The City anticipates being within policy at 2.82% with \$5.4 million in general obligation borrowing planned for next year.

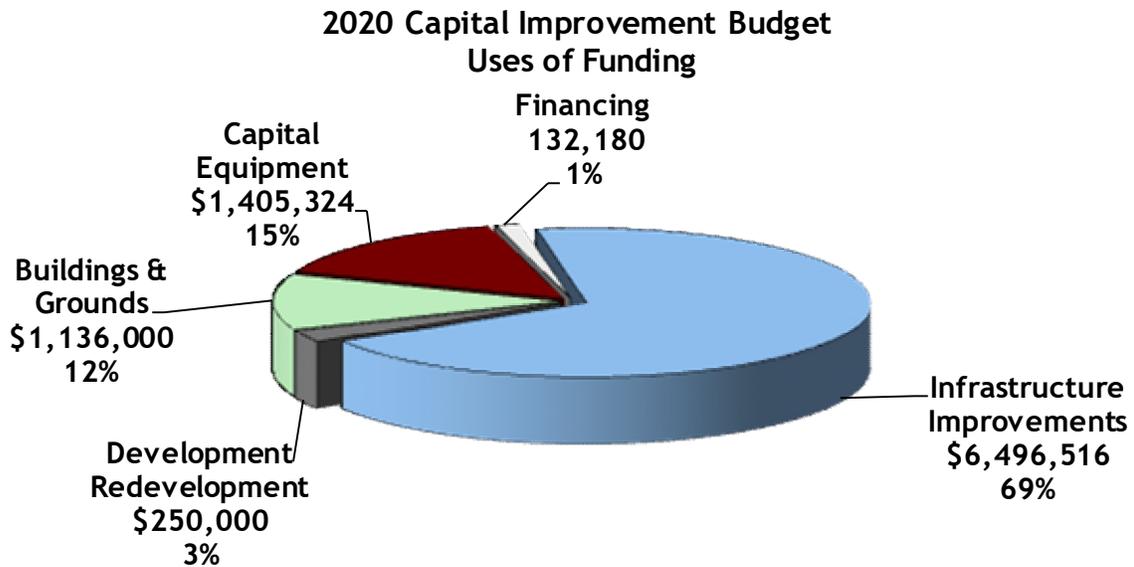
The six year CIP includes projects totaling \$69 million covering the following types of improvements:

Infrastructure Improvements	\$50,102,172
Development & Redevelopment	3,787,000
Buildings & Grounds	4,715,500
Capital Equipment	6,834,765
Financing of Issue	3,992,991
Total	<u>\$69,432,428</u>

The following charts provide a view of the capital budget showing funding sources and uses.



Total Capital Improvement Budget - \$9,420,020



Total Capital Improvement Budget - \$9,420,020

MAJOR CAPITAL PROJECTS

Street and Intersection Improvements

Most of the street projects scheduled for next year will be for street resurfacing at various locations around the City, terrace tree planting and removal, sidewalk improvements and City parking lot rehabs. There will be the annual street maintenance and White Avenue intersection improvements with signal installation at White and Prince Hall and an addition of turn lane at White and Park. Liberty Avenue Intersections Concrete Pavement Repairs with removing and replacing failing pavement at the following intersections with Liberty Avenue: Townline, McKinley, Lincoln, Hackett, Bluff, and Sixth. Henry Avenue Resurfacing between Riverside Drive and Park Avenue, this project will mill and overlay the surface of Henry Avenue between Riverside Drive and Park Avenue. Cranston Road Corridor - Phase 1 where they will re-stripe roadway, include clearing & grubbing and update signage on Cranston Road between Shopiere and Milwaukee. Keeler Avenue Reconstruction (Park Ave-Wisconsin Ave). Euclid Reconstruction/Watermain replacement which will consist of replacing undersized 6" watermain along Euclid Avenue and reconstructing the street between Hackett and Bluff. Broad Street Bridge Deck Repairs which will repair spalling concrete on the deck surface extending the life of the structure.

City Facilities

The total budget for building and grounds improvements is \$1.1 million. This consists of a variety of projects such as City owned building evaluations and repairs, continuing City Hall security improvements, and City Hall exterior repairs. There will be several park projects, including Rotary River Center exterior envelope repairs and Krueger pool bath house exterior repairs.

Capital Equipment

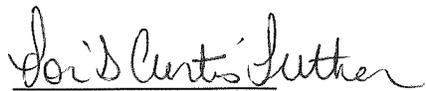
The big item for 2020 is the second portion of replacing portable radios for the Police and Fire Department. The Information Systems Department has a number of items included for 2020 including virtual desktop PC replacements, exchange e-mail server 2016 and security enhancements to the cameras and door systems. Transit will also Replace 1 2006 Gillig Low Floor Bus.

2020-2025 Capital Improvement Plan

The 2020-2025 Capital Plan identifies capital projects and estimates the cost projections for the ensuing five year planning period. The projects identified in these years are either multi-year projects continued from previous years or are those projects worth consideration for which funding has not been identified. The funding for most of these projects will largely depend on the City's ability to issue new general obligation bonds in relation to the City's established debt policies which will be impacted by changes to the equalized assessed values.

In future years, the City's success in being able to meet its capital projects needs will largely be dependent on the continued ability to issue general obligation debt, the availability of Federal and State grants, and the success of our Tax Incremental Districts.

Finally, I would like to thank all of the City's department directors for their valuable contributions toward the overall management of the CIP process and I want to particularly thank Eric Miller and Jessica Tison who coordinated the overall effort of developing this document.

A handwritten signature in cursive script that reads "Lori S. Curtis Luther".

Lori S. Curtis Luther
City Manager

CITY OF БЕЛОIT 2020 CAPITAL IMPROVEMENT BUDGET

Project Title			2020 Total Budget	GO Debt	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Other
GENERAL OBLIGATION FINANCING									
General Public Works									
P2902258	DPW-Parks & Recreation	TERRACE TREE PLANTING & REMOVAL	50,000	50,000					
P2902268	Engineering	SIDEWALK IMPROVEMENTS	115,000	20,000			95,000		
P2901400	Engineering	CITY OWNED PARKING LOT REHAB	50,000	50,000					
P2970679	Engineering	CITY CENTER PARKING LOT SIGNAGE	20,000	20,000					
Street Maintenance & Improvements									
P2902187	Engineering	STREET MAINTENANCE	1,633,000	1,633,000					
P2970680	Engineering	TURN LANES: SIXTH & MIDDLE-SIXTH & NORTH	75,000	75,000					
P2902188	Engineering	SPECIAL ASSESSMENT PROJECTS	100,000				100,000		
P2902700	Engineering	WHITE AVE. INTERSECTION IMPROVEMENTS	400,000					200,000	200,000
P2902701	Engineering	LIBERTY AVE INTERSECTION CONCRETE PAVEMENT REPAIRS: BLUFF - CITY LIMITS	275,000	275,000					
P2902702	Engineering	HENRY AVE RESURFACING: RIVERSIDE - PARK	365,000	365,000					
P2902703	Engineering	CRANSTON ROAD PHASE 1	110,000	110,000					
P2903529	Engineering	KEELER AVE RECONSTRUCTION: PARK AVE-WISCONSIN AVE	288,576	288,576					
P2905550	Engineering/Water Resources	EUCLID RECONSTRUCTION	220,000	220,000					
P2902704	Engineering	BROAD ST. BRIDGE DECK REPAIRS	125,000	125,000					

**CITY OF BELOIT
2020 CAPITAL IMPROVEMENT BUDGET**

Project Title			2020 Total Budget	GO Debt	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Other
Repair and Renovation of Existing Operations									
P2910450	Parks & Recreation	PARK FACILITIES & AMENITIES ENHANCEMENT	459,000	199,000					260,000
P2970666	DPW Facilities/Engineering	CITY OWNED BUILDING EVALUATIONS & REPAIRS	125,000	125,000					
P2913663	Engineering	CITY HALL SECURITY IMPROVEMENTS	159,000	159,000					
P2511705	Transit	TRANSIT FUELING SYSTEM	78,000	15,600				62,400	
P2970706	DPW - Facilities	KRUEGER POOL BATH HOUSE EXTERIOR REPAIRS	175,000	175,000					
P2970707	DPW - Facilities	ROTARY RIVER CENTER EXTERIOR REPAIRS	45,000	45,000					
P2970708	DPW - Facilities	CITY HALL SMOKE DETECTION UPGRADE	45,000	45,000					
P2961709	Finance - Risk Management	ADA FACILITY AUDIT	50,000	50,000					

**CITY OF BELOIT
2020 CAPITAL IMPROVEMENT BUDGET**

Project Title			2020 Total Budget	GO Debt	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Other
Equipment Replacement									
P2963686	Police/Fire	PORTABLE RADIO REPLACEMENT	469,000	469,000					
P2962710	Police	HANDGUN REPLACEMENT	27,500	27,500					
P2953711	Information Systems	VIRTUAL DESKTOP PC REPLACEMENTS	200,000	200,000					
P2953712	Information Systems	EXCHANGE EMAIL SERVER 2016	75,000	75,000					
P2963713	Fire	HEAVY DUTY VEHICLE LIFTS	67,186	67,186					
Vehicle Replacement									
P2511263	Transit	TRANSIT BUSES	516,638	103,328				413,310	
New Equipment									
P2953714	Information Systems	SECURITY ENHANCEMENTS: CAMERAS & DOOR SYSTEMS	50,000	50,000					

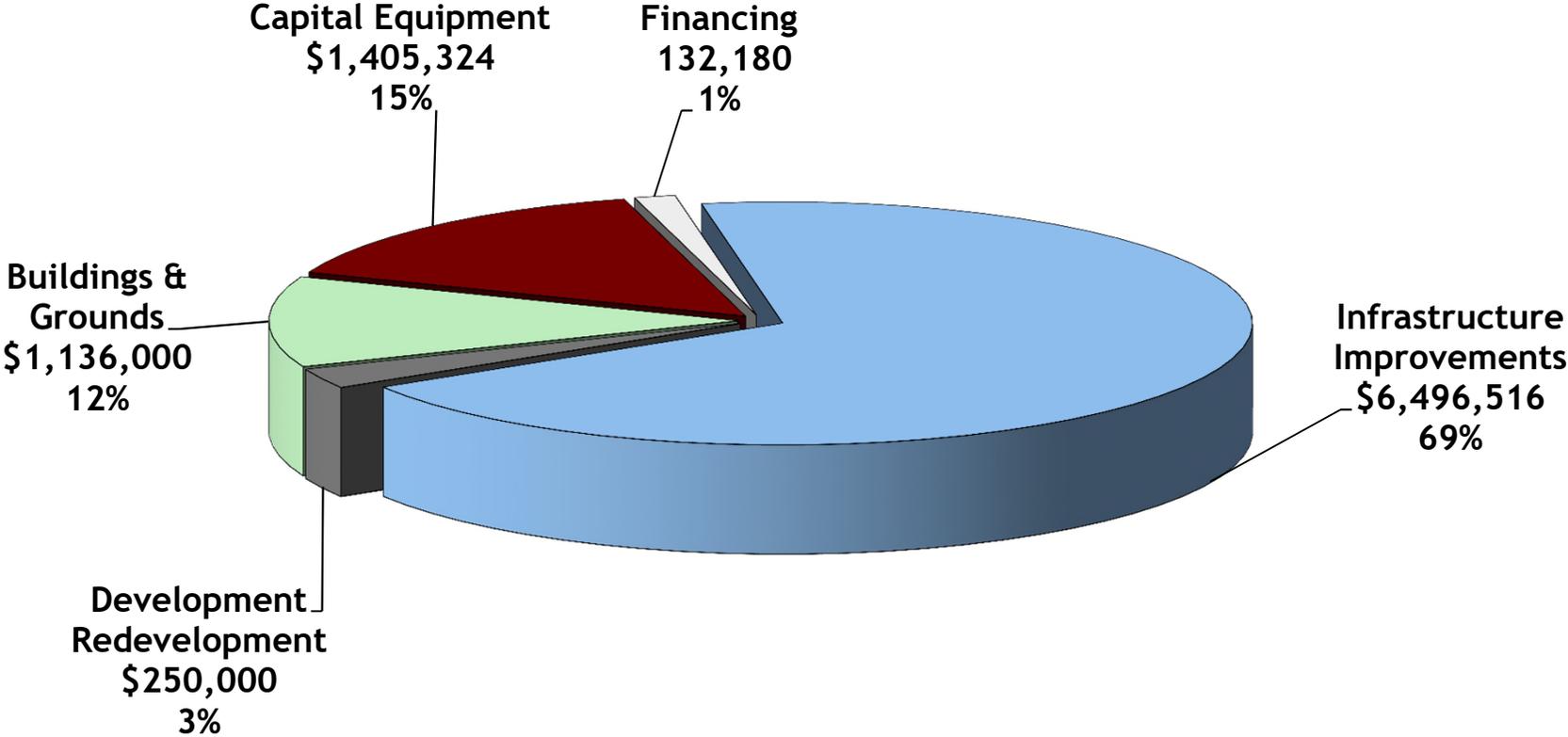
CITY OF BELOIT 2020 CAPITAL IMPROVEMENT BUDGET

	Project Title	2020 Total Budget	GO Debt	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Other
Other Community Development								
P2967520	Community Development PROPERTY ACQUISITION & DEMOLITION	250,000	250,000					
			5,287,190	0	0	195,000	675,710	460,000
	GO Financing Costs @ Approximately 2.5%	132,180	132,180					
	GO STREETS, OPERATIONS, & EQUIPMENT FINANCING	6,750,080	5,419,370	0	0	195,000	675,710	460,000
	Financing Costs @ Approximately 2.5%							
	TOTAL FINANCING	0	132,180	0	0	0	0	0
	TOTAL GENERAL OBLIGATION FINANCING COSTS	6,750,080	5,419,370	0	0	195,000	675,710	460,000

CITY OF BELOIT 2020 CAPITAL IMPROVEMENT BUDGET

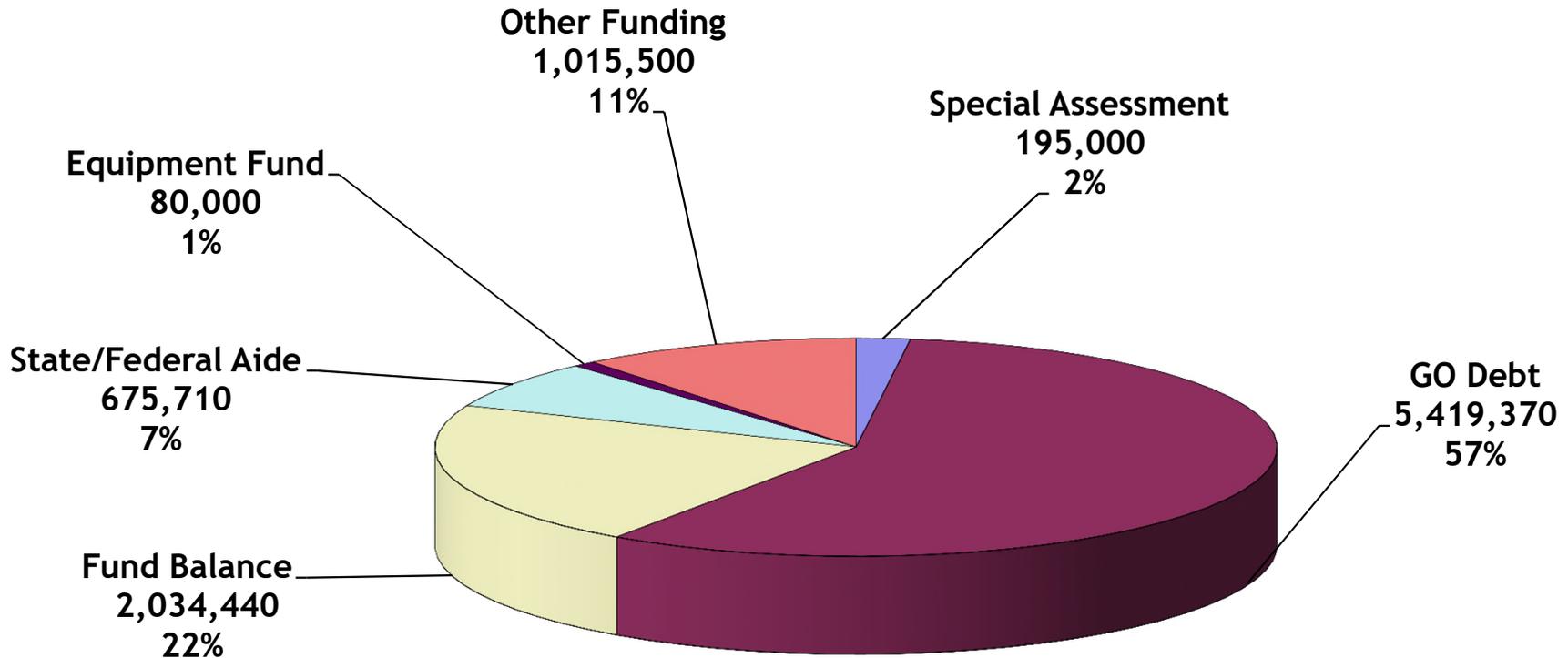
	Project Title	2020 Total Budget	GO Debt	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Other
UTILITIES FINANCING								
Sanitary Sewer and Wastewater Treatment								
P2304199	Water Resources	SANITARY SEWER REPAIR	526,940		526,940			
P2304715	Water Resources	SHIIRLAND AVE EMERGENCY GENERATOR	650,000		650,000			
P2310545	Water Resources	CLARIFIER UPGRADES & REPAIRS	470,000		470,000			
		TOTAL SANITARY SEWER FINANCING	1,646,940	0	1,646,940	0	0	0
Public Water Supply								
P2670716	Water Resources	WELL #9 RADIUM MITIGATION	100,000		100,000			
P2670717	Water Resources	WOOD MATHEWS HYDRANT REPLACEMENT	50,000		50,000			
P2670718	Water Resources	GATEWAY PRV INSTILLATION	275,000		137,500			137,500
P2670719	Water Resources	REPLACE WELL HOUSE #8 STRUCTURE	50,000		50,000			
P2605550	Engineering/Water Resources	EUCLID WATERMAIN REPLACEMENT	418,000					418,000
	Water Resources	REPLACE TRUCK #436	40,000			40,000		
	Water Resources	NEW 1/2 TON PICKUP TRUCK	40,000			40,000		
		TOTAL WATER FINANCING	973,000	0	337,500	80,000	0	555,500
Storm Water								
P2710554	Storm Water	STORM SEWER IMPROVEMENTS	50,000		50,000			
		TOTAL STORM WATER FINANCING	50,000	0	50,000	0	0	0
		GRAND TOTAL ALL ISSUES	9,420,020	5,419,370	2,034,440	80,000	195,000	1,015,500

2020 Capital Improvement Budget Uses of Funding



**Total Capital Improvement
Budget - \$9,420,020**

2020 Capital Improvement Budget Funding Sources



**Total Capital Improvement Budget -
\$9,420,020**

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
In Concept

Project Title	Prior Adopted							Grand Total Budget
	2020	2021	2022	2023	2024	2025		
<i>Infrastructure Improvements</i>								
<i>General Public Works</i>								
TERRACE TREE PLANTING & REMOVAL	\$80,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$380,000
SIDEWALK IMPROVEMENTS	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$805,000
CITY OWNED PARKING LOT REHAB	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$350,000
CITY CENTER PARKING LOT SIGNAGE	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000			\$100,000
SIDEWALK GAP CLOSING PROGRAM	\$100,000		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
TOTAL GENERAL PUBLIC WORKS	\$365,000	\$235,000	\$335,000	\$335,000	\$335,000	\$315,000	\$315,000	\$2,235,000
<i>Street and Intersection Improvements</i>								
STREET MAINTENANCE	\$1,500,000	\$1,633,000	\$1,600,000	\$1,600,000	\$1,600,000	\$1,600,000	\$1,600,000	\$11,133,000
TURN LANES: SIXTH & MIDDLE-SIXTH & NORTH		\$75,000						\$75,000
SPECIAL ASSESSMENT PROJECTS	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$700,000
WHITE AVE. INTERSECTION IMPROVEMENTS		\$400,000						\$400,000
LIBERTY AVE INTERSECTION CONCRETE PAVEMENT REPAIRS: BLUFF - CITY LIMITS		\$275,000						\$275,000
HENRY AVE RESURFACING: RIVERSIDE - PARK		\$365,000						\$365,000
CRANSTON ROAD PHASE 1		\$110,000						\$110,000
KEELER AVE RECONSTRUCTION: PARK AVE-WISCONSIN AVE	\$36,000	\$288,576						\$324,576
EUCLID RECONSTRUCTION		\$220,000						\$220,000
BROAD ST. BRIDGE DECK REPAIRS		\$125,000						\$125,000
HENRY AVE& SHOPIERE RD RESURFACING: ROYCE-PRAIRIE	\$90,000		\$210,000					\$300,000
STREET LIGHTING UPDATE			\$155,000					\$155,000
MILWAUKEE RD CONCRETE PAVEMENT REPAIRS			\$213,000	\$213,000				\$426,000
TOWNLINE CURB & GUTTER: SHIRLAND - ST. LAWRENCE					\$576,156			\$576,156
SWITCHTRACK ALLEY RECONSTRUCTION					\$50,000	\$650,000		\$700,000
LIBERTY AVE. TIA BLUFF - FOURTH					\$22,000			\$22,000
GRAND AVE BRICK PAVERS						\$45,000	\$615,000	\$660,000
EMERSON ST. RECONSTRUCTION	\$2,521,400					\$840,000		\$3,361,400
CHURCH ST RECONSTRUCTION						\$32,500	\$485,000	\$517,500
CRANSTON ROAD PHASE 2							\$300,000	\$300,000
TOTAL STREETS AND INTERSECTIONS	\$4,247,400	\$3,591,576	\$2,278,000	\$1,913,000	\$2,348,156	\$3,267,500	\$3,100,000	\$20,745,632
<i>Total General Obligation Infrastructure Improvements</i>	\$4,612,400	\$3,826,576	\$2,613,000	\$2,248,000	\$2,683,156	\$3,582,500	\$3,415,000	\$22,980,632

CITY OF BELOIT
 2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
 In Concept

Project Title	Prior Adopted							Grand Total Budget
	2020	2021	2022	2023	2024	2025		
<i>Buildings and Grounds</i>								
<i>Repair and Renovation of Existing Operations</i>								
PARK FACILITIES & AMENITIES ENHANCEMENT	\$320,000	\$459,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,029,000
CITY OWNED BUILDING EVALUATIONS & REPAIRS	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$875,000
CITY HALL SECURITY IMPROVEMENTS	\$519,000	\$159,000						\$678,000
TRANSIT FUELING SYSTEM		\$78,000	\$100,000					\$178,000
ROTARY RIVER CENTER EXTERIOR REPAIRS		\$45,000						\$45,000
CITY HALL SMOKE DETECTION UPGRADE		\$45,000						\$45,000
ADA FACILITY AUDIT		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
KRUEGER POOL BATH HOUSE EXTERIOR REPAIRS		\$175,000						\$175,000
POHLMAN FIELD CLUBHOUSE EXTERIOR REPAIRS			\$30,000	\$45,000	\$12,500			\$87,500
1003 PLEASANT ST. PUMPHOUSE EXTERIOR REPAIRS			\$20,000	\$30,000				\$50,000
TRANSIT GARAGE FACILITY MAINTENANCE	\$329,000		\$372,000	\$350,000	\$135,000			\$1,186,000
ANGEL MUSEUM WINDOWS				\$82,500				\$82,500
FIRE STATION #2 ROOF REPLACEMENT				\$70,000				\$70,000
SAVAGE BUILDING WINDOW REPLACEMENT				\$10,000				\$10,000
TOTAL REPAIR & RENOVATION	\$1,293,000	\$1,136,000	\$947,000	\$1,012,500	\$572,500	\$425,000	\$425,000	\$5,811,000
GO ENTERPRISE FUND FINANCING								
OAKWOOD CEMETERY CHAPEL REPAIRS			82,500					\$82,500
GOLF COURSE CLUBHOUSE EXTERIOR REPAIRS				115,000				\$115,000
TOTAL ENTERPRISE FUNDS	\$0	\$0	\$82,500	\$115,000	\$0	\$0	\$0	\$197,500
 Total Buildings and Grounds	 \$1,293,000	 \$1,136,000	 \$1,029,500	 \$1,127,500	 \$572,500	 \$425,000	 \$425,000	 \$6,008,500

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
In Concept

Project Title	Prior Adopted							Grand Total Budget
	2020	2021	2022	2023	2024	2025		
Capital Equipment								
Equipment Replacement								
PORTABLE RADIO REPLACEMENT	\$590,000	\$469,000						\$1,059,000
HANDGUN REPLACEMENT		\$27,500						\$27,500
VIRTUAL DESKTOP PC REPLACEMENTS		\$200,000	\$100,000	\$100,000				\$400,000
EXCHANGE EMAIL SERVER 2016		\$75,000						\$75,000
HEAVY DUTY VEHICLE LIFTS		\$67,186						\$67,186
REPLACE STRYKER POWER LOAD & POWER COTS			\$87,500	\$87,500				\$175,000
CARDIAC MONITORS			\$300,000					\$300,000
TOTAL EQUIPMENT REPLACEMENT	\$590,000	\$838,686	\$187,500	\$487,500	\$0	\$0	\$0	\$2,103,686
Vehicle Replacement								
TRANSIT BUSES		\$516,638	\$532,137	\$1,644,304				\$2,693,079
REPLACEMENT OF AERIAL PLATFORM			\$500,000	\$500,000	\$500,000			\$1,500,000
SNOW PLOW REPLACEMENT #2002			\$145,000					\$145,000
SNOW PLOW REPLACEMENT #2008				\$160,000				\$160,000
SNOW PLOW REPLACEMENT #2007					\$160,000			\$160,000
SNOW PLOW REPLACEMENT #2003						\$160,000		\$160,000
SNOW PLOW REPLACEMENT #2005							\$160,000	\$160,000
TOTAL VEHICLE REPLACEMENT	\$0	\$516,638	\$1,177,137	\$2,304,304	\$660,000	\$160,000	\$160,000	\$4,978,079
New Equipment								
SECURITY ENHANCEMENTS: CAMERAS & DOOR SYSTEMS		\$50,000						\$50,000
TRAILER MOUNTED LOAD BANKS FOR GENERATORS			\$48,000					\$48,000
FIRE STATION DIGITAL ALERTING SYSTEM			\$245,000					\$245,000
TOTAL NEW EQUIPMENT	\$0	\$50,000	\$293,000	\$0	\$0	\$0	\$0	\$343,000
Total Capital Equipment	\$590,000	\$1,405,324	\$1,657,637	\$2,791,804	\$660,000	\$160,000	\$160,000	\$7,424,765

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
In Concept

Project Title	Prior Adopted							Grand Total Budget
	2020	2021	2022	2023	2024	2025		
Wastewater Treatment								
SANITARY SEWER REPAIR	\$534,000	\$526,940	\$511,000	\$526,000	\$542,000	\$558,000	\$574,000	\$3,771,940
SHIRLAND AVE EMERGENCY GENERATOR		\$650,000						\$650,000
CLARIFIER UPGRADES & REPAIRS	\$312,700	\$470,000	\$189,000	\$189,000				\$1,160,700
HYPOCHLORITE TANK REPLACEMENT			\$115,000					\$115,000
WPCF FACILITY UPGRADES			\$5,300,000				\$5,300,000	\$10,600,000
NORTH WEST INTERCEPTOR SPLITTER BOX CONSTRUCTION & SLIP LINING			\$300,000					\$300,000
WPCF EFFLUENT PHOSPHORUS REDUCTION			\$6,750,000					\$6,750,000
WASTEWATER TREATMENT	\$846,700	\$1,646,940	\$13,165,000	\$715,000	\$542,000	\$558,000	\$5,874,000	\$23,347,640
Public Water Supply								
WOOD MATTHEWS HYDRANT REPLACEMENT		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
WELL #9 RADIUM MITIGATION		\$100,000	\$1,600,000					\$1,700,000
REPLACE WELL HOUSE #8 STRUCTURE		\$50,000	\$875,000					\$925,000
GATEWAY PRV INSTILLATION		\$275,000						\$275,000
REPLACE TRUCK #436		\$40,000						\$40,000
NEW 1/2 TON PICKUP TRUCK		\$40,000						\$40,000
EUCLID WATERMAIN REPLACEMENT		\$418,000						\$418,000
WELL PUMPING EQUIPMENT	\$108,000		\$111,000	\$114,000	\$117,000	\$120,000	\$123,000	\$693,000
EAST SIDE NEIGHBORHOOD INITIATIVE WATER MAIN				\$200,000				\$200,000
TOTAL PUBLIC WATER SUPPLY	\$108,000	\$973,000	\$2,636,000	\$364,000	\$167,000	\$170,000	\$173,000	\$4,591,000
Storm Water								
STORM SEWER IMPROVEMENTS	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$350,000
STORM WATER TMDL COMPLIANCE			\$2,500,000					\$2,500,000
TURTLE CREEK STREAMBANK STABILIZATION			\$300,000					\$300,000
HART ROAD STORM WATER POND			\$400,000					\$400,000
HENDERSON AVE STORM WATER POND			\$1,250,000					\$1,250,000
TOTAL STORM WATER	\$50,000	\$50,000	\$4,500,000	\$50,000	\$50,000	\$50,000	\$50,000	\$4,800,000
Total Water Resources Infrastructure Improvements	\$1,004,700	\$2,669,940	\$20,301,000	\$1,129,000	\$759,000	\$778,000	\$6,097,000	\$32,738,640

CITY OF BELOIT
 2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
 In Concept

Project Title	Prior Adopted							Grand Total Budget
	2020	2021	2022	2023	2024	2025		
<i>Development and Redevelopment</i>								
<i>Other Community Development</i>								
PROPERTY ACQUISITION & DEMOLITION	\$250,000	\$250,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$2,000,000
MILWAUKEE ROAD BIKE PEDESTRIAN PATH & LIGHTING			\$420,000	\$1,217,000	\$400,000			\$2,037,000
Total Development & Redevelopment	\$250,000	\$250,000	\$720,000	\$1,517,000	\$700,000	\$300,000	\$300,000	\$4,037,000
TOTAL FINANCING OF ISSUE	132,180	2,738,711	121,922	114,066	122,238	763,875		\$3,992,991
Total 2020-2025 Projects in Concept	\$7,750,100	\$9,420,020	\$29,059,848	\$8,935,226	\$5,488,722	\$5,367,738	\$11,160,875	\$77,182,528

CITY OF БЕЛОIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
GO, TID, and Utility Revenue Bond BORROWING

Project	Total Borrowing	2020 GO Borrowing	2021 GO Borrowing	2021 Utility Revenue Borrowing	2022 GO Borrowing	2023 GO Borrowing	2024 GO Borrowing	2025 GO Borrowing	2025 Utility Revenue Borrowing
TERRACE TREE PLANTING & REMOVAL	300,000	50,000	50,000		50,000	50,000	50,000	50,000	
SIDEWALK IMPROVEMENTS	120,000	20,000	20,000		20,000	20,000	20,000	20,000	
CITY OWNED PARKING LOT REHAB	300,000	50,000	50,000		50,000	50,000	50,000	50,000	
CITY CENTER PARKING LOT SIGNAGE	80,000	20,000	20,000		20,000	20,000			
SIDEWALK GAP CLOSING PROGRAM	250,000		50,000		50,000	50,000	50,000	50,000	
STREET MAINTENANCE	9,633,000	1,633,000	1,600,000		1,600,000	1,600,000	1,600,000	1,600,000	
TURN LANES: SIXTH & MIDDLE-SIXTH & NORTH	75,000	75,000							
LIBERTY AVE INTERSECTION CONCRETE PAVEMENT REPAIRS: BLUFF - CITY LIMITS	275,000	275,000							
HENRY AVE RESURFACING: RIVERSIDE - PARK	365,000	365,000							
CRANSTON ROAD PHASE 1	110,000	110,000							
KEELER AVE RECONSTRUCTION: PARK AVE- WISCONSIN AVE	288,576	288,576							
EUCLID RECONSTRUCTION	220,000	220,000							
BROAD ST. BRIDGE DECK REPAIRS	125,000	125,000							
HENRY AVE& SHOPIERE RD RESURFACING: ROYCE-PRAIRIE	210,000		210,000						
STREET LIGHTING UPDATE	155,000		155,000						
MILWAUKEE RD CONCRETE PAVEMENT REPAIRS	426,000		213,000		213,000				
TOWNLINЕ CURB & GUTTER: SHIRLAND - ST. LAWRENCE	576,156					576,156			
SWITCHTRACK ALLEY RECONSTRUCTION	700,000					50,000	650,000		
LIBERTY AVE. TIA BLUFF - FOURTH	22,000					22,000			
GRAND AVE BRICK PAVERS	660,000						45,000	615,000	

CITY OF БЕЛОIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
GO, TID, and Utility Revenue Bond BORROWING

Project	Total Borrowing	2020 GO Borrowing	2021 GO Borrowing	2021 Utility Revenue Borrowing	2022 GO Borrowing	2023 GO Borrowing	2024 GO Borrowing	2025 GO Borrowing	2025 Utility Revenue Borrowing
EMERSON ST. RECONSTRUCTION	840,000						840,000		
CHURCH ST RECONSTRUCTION	517,500						32,500	485,000	
CRANSTON ROAD PHASE 2	300,000							300,000	
PARK FACILITIES & AMENITIES ENHANCEMENT	1,449,000	199,000	250,000		250,000	250,000	250,000	250,000	
CITY OWNED BUILDING EVALUATIONS & REPAIRS	750,000	125,000	125,000		125,000	125,000	125,000	125,000	
CITY HALL SECURITY IMPROVEMENTS	159,000	159,000							
TRANSIT FUELING SYSTEM	35,600	15,600	20,000						
ROTARY RIVER CENTER EXTERIOR REPAIRS	45,000	45,000							
CITY HALL SMOKE DETECTION UPGRADE	45,000	45,000							
ADA FACILITY AUDIT	300,000	50,000	50,000		50,000	50,000	50,000	50,000	
KRUEGER POOL BATH HOUSE EXTERIOR REPAIRS	175,000	175,000							
POHLMAN FIELD CLUBHOUSE EXTERIOR REPAIRS	87,500		30,000		45,000	12,500			
1003 PLEASANT ST. PUMPHOUSE EXTERIOR REPAIRS	50,000		20,000		30,000				
TRANSIT GARAGE FACILITY MAINTENANCE	171,000		74,000		70,000	27,000			
ANGEL MUSEUM WINDOWS	82,500				82,500				
FIRE STATION #2 ROOF REPLACEMENT	70,000				70,000				
SAVAGE BUILDING WINDOW REPLACEMENT	10,000				10,000				
OAKWOOD CEMETERY CHAPEL REPAIRS	82,500		82,500						
GOLF COURSE CLUBHOUSE EXTERIOR REPAIRS	115,000				115,000				
PORTABLE RADIO REPLACEMENT	469,000	469,000							

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
GO, TID, and Utility Revenue Bond BORROWING

Project	Total Borrowing	2020 GO Borrowing	2021 GO Borrowing	2021 Utility Revenue Borrowing	2022 GO Borrowing	2023 GO Borrowing	2024 GO Borrowing	2025 GO Borrowing	2025 Utility Revenue Borrowing
HANDGUN REPLACEMENT	27,500	27,500							
VIRTUAL DESKTOP PC REPLACEMENTS	400,000	200,000	100,000		100,000				
EXCHANGE EMAIL SERVER 2016	75,000	75,000							
HEAVY DUTY VEHICLE LIFTS	67,186	67,186							
REPLACE STRYKER POWER LOAD & POWER COTS	175,000		87,500		87,500				
CARDIAC MONITORS	300,000				300,000				
TRANSIT BUSES	538,618	103,328	106,428		328,862				
REPLACEMENT OF AERIAL PLATFORM	1,500,000		500,000		500,000	500,000			
SNOW PLOW REPLACEMENT #2002	145,000		145,000						
SNOW PLOW REPLACEMENT #2008	160,000				160,000				
SNOW PLOW REPLACEMENT #2007	160,000					160,000			
SNOW PLOW REPLACEMENT #2003	160,000						160,000		
SNOW PLOW REPLACEMENT #2005	160,000							160,000	
SECURITY ENHANCEMENTS: CAMERAS & DOOR SYSTEMS	50,000	50,000							
FIRE STATION DIGITAL ALERTING SYSTEM	245,000		245,000						
PROPERTY ACQUISITION & DEMOLITION	1,750,000	250,000	300,000		300,000	300,000	300,000	300,000	
MILWAUKEE ROAD BIKE PEDESTRIAN PATH & LIGHTING	2,037,000		420,000		250,000	700,000	667,000		
WPCF FACILITY UPGRADES	10,600,000			5,300,000					5,300,000
WPCF EFFLUENT PHOSPHORUS REDUCTION	6,750,000			6,750,000					
WELL #9 RADIUM MITIGATION	1,600,000			1,600,000					

CITY OF БЕЛОIT
 2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
 GO, TID, and Utility Revenue Bond BORROWING

Project	Total Borrowing	2020 GO Borrowing	2021 GO Borrowing	2021 Utility Revenue Borrowing	2022 GO Borrowing	2023 GO Borrowing	2024 GO Borrowing	2025 GO Borrowing	2025 Utility Revenue Borrowing
REPLACE WELL HOUSE #8 STRUCTURE	875,000			875,000					
STORM WATER TMDL COMPLIANCE	2,500,000			2,500,000					
TURTLE CREEK STREAMBANK STABILIZATION	300,000			300,000					
HART ROAD STORM WATER POND	400,000			400,000					
HENDERSON AVE STORM WATER POND	1,250,000			1,250,000					
<i>Summary Total</i>	52,869,636	5,287,190	4,923,428	18,975,000	4,876,862	4,562,656	4,889,500	4,055,000	5,300,000
FINANCING OF ISSUE									
	3,749,241	132,180	123,086	2,371,875	121,922	114,066	122,238	101,375	662,500
TOTAL BORROWING	56,618,877	5,419,370	5,046,514	21,346,875	4,998,784	4,676,722	5,011,738	4,156,375	5,962,500

GOVERNMENTAL ACTIVITIES GENERAL OBLIGATION DEBT

All general obligation notes and bonds payable are backed by the full faith and credit of the City. Notes and bonds in the governmental funds will be retired by future property tax levies or tax increments accumulated by the debt service fund. Business-type activities debt is payable by revenues from user fees of those funds or, if the revenues are not sufficient, by future tax levies. In accordance with Wisconsin Statutes, total general obligation indebtedness of the City may not exceed five percent of the equalized value of taxable property within the City's jurisdiction. The debt limit as of December 31, 2019, is estimated at \$89,292,745. Total general obligation debt outstanding \$50,527,022.

	Date of Issue	Date Due	Interest Rates	Original Indebtedness	Balance 12-31-19
General obligation corporate purpose bonds Series 2009	5/28/2009	5/01/209	1.10% - 4.65%	\$7,057,000	\$1,022,000
2011 State Trust Fund Loan	8/1/2011	5/1/2021	3.75%	\$1,500,000	\$340,984
General obligation refunding bonds Series 2011A	10/12/2011	4/1/2025	2.45%	\$9,701,732	\$3,504,228
General obligation refunding bonds Series 2011B	12/8/2011	3/1/2025	1.00% - 4.10%	\$4,280,000	\$1,495,000
General obligation refunding bonds Series 2012A	6/4/2012	3/1/2032	2.00% - 3.25%	\$7,130,000	\$4,750,000
General obligation refunding bonds Series 2013A	2/13/2013	5/1/2027	2.00% - 3.00%	\$6,729,000	\$2,627,700
General obligation refunding bonds Series 2013C	2/13/2013	5/1/2027	0.55% - 2.50%	\$885,000	\$235,000
General obligation refunding bonds Series 2013D	6/13/2013	4/1/2033	2.00% - 3.375%	\$7,485,000	\$4,605,000
2013 State Trust Fund Loan	8/1/2013	3/15/2023	2.75%	\$547,500	\$285,782
General obligation promissory notes Series 2014A	5/15/2014	5/1/2024	2.00% - 2.40%	\$850,000	\$485,000
General obligation corporate purpose bonds Series 2014B	5/15/2014	5/1/2034	2.00% - 3.50%	\$7,777,275	\$5,342,638
General obligation promissory notes Series 2015B	3/19/2015	3/1/2025	0.80% - 2.40%	\$720,000	\$450,000
General obligation corporate purpose bonds Series 2015C	3/19/2015	3/1/2035	2.00% - 3.25%	\$2,450,000	\$1,895,000
2015 State Trust Fund Loan	11/23/2015	3/15/2025	3.25%	\$200,000	\$140,973
General obligation promissory notes Series 2016A	5/12/2016	4/1/2026	1.55% - 2.00%	\$1,725,000	\$1,450,000
General obligation corporate purpose bonds Series 2016B	5/12/2016	4/1/2036	2.00% - 3.00%	\$3,235,000	\$2,950,000
General obligation promissory notes Series 2017A	6/22/2017	6/1/2027	2.25% - 3.00%	\$1,715,000	\$1,465,000
General obligation corporate purpose bonds Series 2017B	6/22/2017	6/1/2037	3.00% - 3.25%	\$4,320,000	\$4,040,000
General obligation promissory notes Series 2018A	4/18/2018	4/1/2028	3.00% - 4.00%	\$2,140,000	\$2,050,000
General obligation corporate purpose bonds Series 2018B	4/18/2018	4/1/2038	3.00% - 4.00%	\$3,315,000	\$3,235,000
General obligation promissory notes Series 2019A	5/22/2019	5/1/2029	3.00%	\$1,930,000	\$1,930,000
General obligation corporate purpose bonds Series 2019B	5/22/2019	5/1/2039	3.00% - 4.00%	\$3,635,000	\$3,545,000
TOTAL GOVERNMENTAL ACTIVITIES - GENERAL OBLIGATION DEBT					\$47,844,305

BUSINESS TYPE ACTIVITIES GENERAL OBLIGATION DEBT

	Date of Issue	Date Due	Interest Rates	Original Indebtedness	Balance 12-31-19
General obligation corporate purpose bonds Series 2009	5/28/2009	5/1/2029	1.10% - 4.60%	\$333,000	\$153,000
General obligation refunding bonds Series 2011A	10/12/2011	4/1/2025	2.45%	\$1,378,268	\$650,772
General obligation refunding bonds Series 2012A	6/4/2012	3/1/2032	2.00% - 3.25%	\$110,000	\$110,000
General obligation refunding bonds Series 2013A	2/13/2013	5/1/2027	2.00% - 3.00%	\$601,000	\$192,300
General obligation refunding bonds Series 2013D	6/13/2013	4/1/2033	2.00% - 3.375%	\$250,000	\$150,000
2013 State Trust Fund Loan	8/1/2013	3/15/2023	2.75%	\$129,600	\$4,283
General obligation promissory notes Series 2014A	5/15/2014	5/1/2024	2.00% - 2.40%	\$270,000	\$140,000
General obligation corporate purpose bonds Series 2014B	5/15/2014	5/1/2034	2.00% - 3.50%	\$387,725	\$247,362
General obligation promissory notes Series 2015B	3/19/2015	3/1/2025	0.80% - 2.40%	\$40,000	\$10,000
General obligation corporate purpose bonds Series 2017B	6/22/2017	6/1/2037	3.00% - 3.25%	\$1,105,000	\$880,000
General obligation corporate purpose bonds Series 2018B	4/18/2018	4/1/2038	3.00% - 3.50%	\$60,000	\$55,000
General obligation corporate purpose bonds Series 2019B	5/22/2019	5/1/2039	3.00% - 4.00%	\$90,000	\$90,000
TOTAL BUSINESS TYPE ACTIVITIES - GENERAL OBLIGATION DEBT					\$2,682,717

TOTAL GENERAL OBLIGATION DEBT **\$50,527,022**

REVENUE DEBT

Revenues bonds are payable only from revenues derived from the operations of the responsible proprietary fund.

	Date of Issue	Date Due	Interest Rates	Original Indebtedness	Balance 12-31-19
Water Utility					
Revenue Bonds	5/28/2009	11/1/2029	3.50% - 5.00%	\$3,910,000	\$2,265,000
Revenue Bonds	4/6/2010	11/1/2030	2.00% - 4.50%	\$4,025,000	\$2,410,000
Revenue Bonds	2/13/2013	11/1/2019	2.00% - 3.00%	\$5,745,000	\$0
Revenue Bonds	11/9/2016	11/1/2028	2.25% - 4.00%	\$12,555,000	\$12,495,000
Revenue Bonds	5/3/2018	11/1/2038	3.00% - 4.00%	\$3,980,000	\$3,780,000
Total Water Utility					\$20,950,000
Storm Water Revenue Refunding Bonds	3/4/2015	5/1/2030	2.00% - 3.50%	\$1,225,000	\$960,000
Sewer Utility Revenue Bonds	5/11/2011	5/1/2031	2.40%	\$3,288,345	\$2,231,047
Sewer Utility Revenue Bonds	5/3/2018	5/1/2038	3.00% - 4.00%	\$3,760,000	\$3,625,000
TOTAL REVENUE BONDS					\$27,766,047

Long-Term Obligations

Long-term obligations activity for the year ended December 31, 2018 was as follows:

	Beginning Balance	Increases	Decreases	Ending Balance	Amounts due within one year
Governmental Activities					
Bonds and Notes Payable:					
General Obligation Debt					
General	\$46,163,976	\$5,395,000	\$4,596,001	\$46,962,975	\$4,593,667
Premium on debt	\$622,695	\$108,210	\$55,934	\$674,971	\$0
Sub-totals	<u>\$46,786,671</u>	<u>\$5,503,210</u>	<u>\$4,651,935</u>	<u>\$47,637,946</u>	<u>\$4,593,667</u>
Other Liabilities:					
Compensated Absences					
Sick Leave	\$1,209,810	\$256,494	\$92,123	\$1,374,181	\$178,644
Vacation	\$1,415,522	\$1,521,300	\$1,415,522	\$1,521,300	\$1,521,300
Other post-employment benefit liability	\$0	\$0	\$0	\$0	\$0
Other Debt					
Town of Turtle	\$30,000	\$0	\$10,000	\$20,000	\$10,000
Capital Leases					
Payable to component unit	\$8,848,028	\$0	\$3,049,698	\$5,798,330	\$2,065,000
Other capital leases	\$257,388	\$0	\$47,338	\$210,050	\$49,323
Net Pension liability (asset)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total other liabilities	<u>\$11,760,748</u>	<u>\$1,777,794</u>	<u>\$4,614,681</u>	<u>\$8,923,861</u>	<u>\$3,824,267</u>
Total Governmental Activities					
Long -Term Liabilities	<u>\$58,547,419</u>	<u>\$7,281,004</u>	<u>\$9,266,616</u>	<u>\$56,561,807</u>	<u>\$8,417,934</u>
Business - Type Activities					
Bonds and Notes Payable:					
General Obligation Debt					
Revenue Bonds	\$3,219,819	\$60,000	\$330,733	\$2,949,086	\$356,370
CWFL revenue bond	\$20,950,000	\$7,740,000	\$1,485,000	\$27,205,000	\$1,670,000
	\$2,544,978	\$0	\$155,104	\$2,389,874	\$158,827
Add/(Subtract) Deferred Amounts For:					
(Discounts)	\$0	\$0	\$0	\$0	\$0
Premiums	\$924,830	\$86,904	\$162,125	\$849,609	\$0
Sub-total	<u>\$27,639,627</u>	<u>\$7,886,904</u>	<u>\$2,132,962</u>	<u>\$33,393,569</u>	<u>\$2,185,197</u>
Other Liabilities:					
Sick Leave	\$252,988	\$67,471	\$32,889	\$287,570	\$37,384
Vacation	\$329,349	\$335,032	\$329,349	\$335,032	\$335,031
Net Pension liability (asset)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Sub-total	<u>\$582,337</u>	<u>\$402,503</u>	<u>\$362,238</u>	<u>\$622,602</u>	<u>\$372,415</u>
Total Business-type Activities					
Long-Term Liabilities	<u>\$28,221,964</u>	<u>\$8,289,407</u>	<u>\$2,495,200</u>	<u>\$34,016,171</u>	<u>\$2,557,612</u>

**GENERAL OBLIGATION DEBT SERVICE PLAN
TWENTY YEAR PROJECTION
2020 - 2039**

	Due 2020	Due 2021	Due 2022	Due 2023	Due 2024	Due 2025	Due 2026	Due 2027	Due 2028	Due 2029	Due 2030	Due 2031	Due 2032	Due 2033	Due 2034	Due 2035	Due 2036	Due 2037	Due 2038	Due 2039	Total
2020 Issue (\$5,419,370)																					
Principal		248,700	248,700	248,700	248,700	248,700	248,700	248,700	248,700	248,700	248,700	248,700	248,700	248,700	248,700	248,700	248,700	248,700	248,700	248,700	5,419,370
Interest @ 4.00 %	94,506	221,186	210,127	199,068	188,008	176,949	165,890	154,830	143,771	132,712	121,652	110,593	99,534	88,474	77,415	66,356	55,297	44,237	33,178	22,119	2,416,961
2021 Issue (\$5,046,514)																					
Principal			206,128	206,128	206,128	206,128	206,128	206,128	206,128	206,128	206,128	206,128	206,128	206,128	206,128	206,128	206,128	206,128	206,128	206,128	5,046,514
Interest @ 4.00 %		74,206	221,186	210,127	199,068	188,008	176,949	165,890	154,830	143,771	132,712	121,652	110,593	99,534	88,474	77,415	66,356	55,297	44,237	33,178	2,396,661
2022 Issue (\$4,998,784)																					
Principal				246,333	246,333	246,333	246,333	246,333	246,333	246,333	246,333	246,333	246,333	246,333	246,333	246,333	246,333	246,333	246,333	246,333	4,998,784
Interest @ 4.00 %			83,753	221,186	210,127	199,068	188,008	176,949	165,890	154,830	143,771	132,712	121,652	110,593	99,534	88,474	77,415	66,356	55,297	44,237	2,406,209
2023 Issue (\$4,676,722)																					
Principal					191,581	191,581	191,581	191,581	191,581	191,581	191,581	191,581	191,581	191,581	191,581	191,581	191,581	191,581	191,581	191,581	4,676,722
Interest @ 4.00 %				61,306	221,186	210,127	199,068	188,008	176,949	165,890	154,830	143,771	132,712	121,652	110,593	99,534	88,474	77,415	66,356	55,297	2,383,761
2024 Issue (\$5,011,738)																					
Principal						199,181	199,181	199,181	199,181	199,181	199,181	199,181	199,181	199,181	199,181	199,181	199,181	199,181	199,181	199,181	5,011,738
Interest @ 4.00 %					59,754	221,186	210,127	199,068	188,008	176,949	165,890	154,830	143,771	132,712	121,652	110,593	99,534	88,474	77,415	66,356	2,382,210
2025 Issue (\$4,156,375)																					
Principal							250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	4,156,375
Interest @ 4.00 %						143,750	221,186	210,127	199,068	188,008	176,949	165,890	154,830	143,771	132,712	121,652	110,593	99,534	88,474	77,415	2,466,206
2026 Issue (\$5,000,000)																					
Principal								250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	5,000,000
Interest @ 5.75 %							143,750	287,500	273,125	258,750	244,375	230,000	215,625	201,250	186,875	172,500	158,125	143,750	129,375	115,000	3,155,313
2027 Issue (\$5,000,000)																					
Principal									250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	5,000,000
Interest @ 5.75 %								143,750	287,500	273,125	258,750	244,375	230,000	215,625	201,250	186,875	172,500	158,125	143,750	129,375	3,155,313
2028 Issue (\$5,000,000)																					
Principal										250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	5,000,000
Interest @ 5.75 %									143,750	287,500	273,125	258,750	244,375	230,000	215,625	201,250	186,875	172,500	158,125	143,750	3,155,313
2029 Issue (\$5,000,000)																					
Principal											250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	5,000,000
Interest @ 5.75 %										143,750	287,500	273,125	258,750	244,375	230,000	215,625	201,250	186,875	172,500	158,125	3,155,313
2030 Issue (\$5,000,000)																					
Principal												250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	5,000,000
Interest @ 5.75 %										143,750	287,500	273,125	258,750	244,375	230,000	215,625	201,250	186,875	172,500	158,125	3,155,313
2031 Issue (\$5,000,000)																					
Principal													250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	5,000,000
Interest @ 5.75 %												143,750	287,500	273,125	258,750	244,375	230,000	215,625	201,250	186,875	3,155,313
2032 Issue (\$5,000,000)																					
Principal														250,000	250,000	250,000	250,000	250,000	250,000	250,000	5,000,000
Interest @ 5.75 %													143,750	287,500	273,125	258,750	244,375	230,000	215,625	201,250	3,155,313
2033 Issue (\$5,000,000)																					
Principal															250,000	250,000	250,000	250,000	250,000	250,000	5,000,000
Interest @ 5.75 %														136,563	273,125	258,750	244,375	230,000	215,625	201,250	3,155,313
2034 Issue (\$5,000,000)																					
Principal																250,000	250,000	250,000	250,000	250,000	5,000,000
Interest @ 5.75 %															129,375	258,750	244,375	230,000	215,625	201,250	3,155,313
2035 Issue (\$5,000,000)																					
Principal																	250,000	250,000	250,000	250,000	5,000,000
Interest @ 5.75 %																122,188	244,375	230,000	215,625	201,250	3,155,313
2036 Issue (\$5,000,000)																					
Principal																				250,000	5,000,000
Interest @ 5.75 %																			107,813	215,625	3,155,313
2037 Issue (\$5,000,000)																					
Principal																				100,625	5,000,000
Interest @ 5.75 %																					3,155,313
2038 Issue (\$5,000,000)																					
Principal																					5,000,000
Interest @ 5.75 %																					3,155,313
2039 Issue (\$5,000,000)																					
Principal																					5,000,000
Interest @ 5.75 %																					3,155,313
	\$7,096,802	\$7,451,758	\$7,338,476	\$7,208,837	\$7,548,346	\$7,803,588	\$7,434,783	\$7,393,114	\$6,788,561	\$6,890,901	\$7,031,339	\$7,132,638	\$7,466,815	\$7,557,923	\$7,637,412	\$7,645,369	\$7,684,172	\$7,642,281	\$7,651,731	\$7,585,878	\$282,717,267
Principal	4,873,307	5,235,623	5,110,484	4,994,330	5,333,537	5,518,057	5,163,487	5,056,901	4,371,901	4,386,901	4,445,498	4,459,933	4,714,933	4,744,933	4,538,490	4,284,103	4,079,136	3,814,027	3,618,405	3,368,405	151,334,411
Interest	2,223,495	2,216,135	2,227,992	2,214,508	2,214,809	2,285,531	2,271,296	2,336,213	2,416,660	2,504,001	2,585,842	2,672,705	2,751,881	2,676,427	2,446,422	2,221,579	2,006,910	1,800,441	1,604,576	1,416,536	69,295,665
	\$7,096,802	\$7,451,758	\$7,338,476	\$7,208,837	\$7,548,346	\$7,803,588	\$7,434,783	\$7,393,114	\$6,788,561	\$6,890,901	\$7,031,339	\$7,132,638	\$7,466,815	\$7,421,360	\$6,984,912	\$6,505,682	\$6,086,047	\$5,614,468	\$5,222,981	\$4,784,941	\$220,630,076

General Obligation Indebtedness - City of Beloit

With Estimated Impact of Debt Reduction Plan

HISTORICAL AND PROJECTED

<i>Levy Year</i>	<i>Equalized Assessed Value</i>	<i>% Increase EAV</i>	<i>5% Debt Limit</i>	<i>New Debt Issued</i>	<i>Debt Retired</i>	<i>Balance December 31</i>	<i>Bonding Power</i>	<i>Legal Debt Limit Ratio</i>	<i>3.50% Policy Limit</i>
<u>Actual</u>									
2000	1,052,181,500	3.74%	52,609,075	4,905,000	3,863,500	26,795,975	25,813,100	50.9%	2.55%
2001	1,113,497,300	5.83%	55,674,865	6,920,000	6,406,975	27,309,000	28,365,865	49.1%	2.45%
2002	1,165,552,800	4.67%	58,277,640	3,852,675	3,480,775	27,680,900	30,596,740	47.5%	2.37%
2003	1,224,010,800	5.02%	61,200,540	12,088,452	8,344,302	31,425,050	29,775,490	51.3%	2.57%
2004	1,289,346,100	5.34%	64,467,305	8,050,000	6,985,900	32,489,150	31,978,155	50.4%	2.52%
2005	1,387,616,400	7.62%	69,380,820	9,475,000	5,208,548	36,755,602	32,625,218	53.0%	2.65%
2006	1,470,055,900	5.94%	73,502,795	9,165,000	5,013,635	40,906,967	32,595,828	55.7%	2.78%
2007	1,630,887,400	10.94%	81,544,370	16,738,000	5,124,088	52,520,879	29,023,491	64.4%	3.22%
2008	1,718,751,200	5.39%	85,937,560	5,392,520	4,963,601	52,949,798	32,987,762	61.6%	3.08%
2009	1,744,186,100	1.48%	87,209,305	11,295,000	4,394,471	59,850,327	27,358,978	68.6%	3.43%
2010	1,610,889,800	-7.64%	80,544,490	4,765,000	4,667,774	60,565,689	19,978,801	75.2%	3.76%
2011	1,558,718,400	-3.24%	77,935,920	1,500,000	4,680,201	57,385,489	20,550,431	73.6%	3.68%
2012	1,507,977,900	-3.26%	75,398,895	3,858,613	5,157,850	56,086,252	19,312,643	74.4%	3.72%
2013	1,377,134,000	-8.68%	68,856,700	3,684,194	5,070,875	54,699,570	14,157,130	79.4%	3.97%
2014	1,471,696,200	6.87%	73,584,810	3,517,343	5,230,228	52,986,685	20,598,125	72.0%	3.60%
2015	1,557,937,900	5.86%	77,896,895	3,410,000	5,344,095	51,052,590	26,844,305	65.5%	3.28%
2016	1,593,559,300	2.29%	79,677,965	4,960,000	5,498,187	50,514,403	29,163,562	63.4%	3.17%
2017	1,607,119,800	0.85%	80,355,990	7,140,000	8,270,610	49,383,793	30,972,197	61.5%	3.07%
2018	1,650,289,200	2.69%	82,514,460	5,455,000	4,926,733	49,912,060	32,602,400	60.5%	3.02%
2019	1,785,854,900	8.21%	89,292,745	5,565,000	4,950,037	50,527,023	38,765,722	56.6%	2.83%
<u>Estimated</u>									
2020	1,794,784,175	0.50%	89,739,209	5,419,370	5,268,229	50,678,164	39,061,045	56.5%	2.82%
2021	1,812,732,016	1.00%	90,636,601	5,046,514	5,665,523	50,059,155	40,577,446	55.2%	2.76%
2022	1,830,859,336	1.00%	91,542,967	4,998,784	5,603,693	49,454,246	42,088,721	54.0%	2.70%
2023	1,849,167,930	1.00%	92,458,396	4,676,722	5,619,007	48,511,961	43,946,436	52.5%	2.62%
2024	1,872,282,529	1.25%	93,614,126	5,011,738	6,022,612	47,501,087	46,113,040	50.7%	2.54%
2025	1,895,686,061	1.25%	94,784,303	4,156,375	6,399,416	45,258,045	49,526,258	47.7%	2.39%
2026	1,924,121,351	1.50%	96,206,068	5,000,000	6,423,824	43,834,222	52,371,846	45.6%	2.28%
2027	1,952,983,172	1.50%	97,649,159	5,000,000	6,346,157	42,488,065	55,161,094	43.5%	2.18%
2028	1,982,277,919	1.50%	99,113,896	5,000,000	5,675,647	41,812,418	57,301,478	42.2%	2.11%
2029	2,012,012,088	1.50%	100,600,604	5,000,000	5,450,647	41,361,772	59,238,833	41.1%	2.06%
2030	2,047,222,300	1.75%	102,361,115	5,000,000	3,737,000	42,624,772	59,736,343	41.6%	2.08%
2031	2,083,048,690	1.75%	104,152,434	5,000,000	3,274,667	44,350,105	59,802,329	42.6%	2.13%

DEBT LOAD LIMITATIONS

Descriptions	Targets	2015 ACTUAL	2016 Actual	2017 Actual	2018 BUDGET	2019 BUDGET	2020 BUDGET
Ratio of General Obligation Debt to Total Equalized Value	3.0 - 3.5%	3.28%	3.17%	3.07%	3.02%	2.83%	2.80%
Obligation Debt Per Capita	\$950 - \$1050	\$1,387.60	\$1,378.03	\$1,352.24	\$1,360.63	\$1,382.48	\$1,375.14
Equalized Tax Rate for General Obligation Debt	\$3.80 - \$4.25	\$3.67	\$3.62	\$3.65	\$3.40	\$3.37	\$3.44
Ratio of Annual Debt Payments to Annual Operating Budget	10 - 20%	17.23%	18.00%	26.99%	15.84%	15.46%	16.02%
Ratio of Net Debt Levy to Annual Operating Budget	10 - 15%	15.48%	15.61%	15.82%	15.60%	16.39%	16.43%
Ratio of Unreserved General Fund Balance to Operating Budget	10 - 15%	25.82%	27.18%	27.89%	29.05%	28.21%	27.48%

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2970680 Turn Lane at Sixth and North					
Department/Division:	Public Works/Engineering			Responsible Person:	Jason Dupuis	
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)
\$76,875

Project Description

This project will construct a designated right turn lane for westbound traffic on North Street at Sixth Street.

Project Justification

With closure of Fourth Street between Middle and North Streets, a Traffic Impact Analysis indicated that this intersection needed improvement to maintain traffic flows at an acceptable level after closure. Similar improvements were made at the intersection of Sixth and Middle in 2019.

Operating Impact of Project (Positive - Savings or Negative - Costs)

None. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2020 is \$1,875 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$75,000						\$75,000
Total	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional Srv		\$3,000						\$3,000
5258-In House Engineering		\$7,000						\$7,000
5514-Roadway Construction		\$65,000						\$65,000
Total	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000

OK OK OK OK OK OK OK OK

Program: 199 **Sub-Program:** 503

CITY OF BELOIT

2020 - 2025 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2902700 White Avenue intersection improvements						
Department/ Division:	Public Works/Engineering			Responsible Person:	Jason Dupuis		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2020 (Including Issuance Cost)

\$400,000

Project Description

Signal installation at White and Prince Hall. Addition of turn lane at White and Park.

Project Justification

ABC is building a new 4 story office building at the corner of Prince Hall and Lawton Avenue. A Traffic Impact Analysis was completed and indicated the need for the signal installation and turn lane improvements in order to help traffic operations for the area. A Transportation Economic Assistance (TEA) Grant is being applied for the project.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Electricity and maintenance of the signals will impact the operating budget. To be funded through TEA grant and Hendricks (ABC Supply).

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
Maintenance	\$2,000	\$2,000	\$2,000	\$2,025	\$2,025	\$2,050	\$12,100
Total	\$2,000	\$2,000	\$2,000	\$2,025	\$2,025	\$2,050	\$12,100

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4330-State/ Federal Funds		\$200,000						\$200,000
4501- Other		\$200,000						\$200,000
Total	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5240- Professional Srv		\$25,000						\$25,000
5258-In House Engineering		\$10,000						\$10,000
5514-Roadway Construction		\$365,000						\$365,000
Total	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000

OK OK OK OK OK OK OK OK

Program: 199 **Sub-Program:** 503

CITY OF BELOIT

2020 - 2025 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2902703 Cranston Road Corridor - Phase 1				
Department/Division:	Public Works/Engineering		Responsible Person:	Jason Dupuis	
Project Status:	<input checked="" type="checkbox"/>	One time project or Item		Multi-Year Project of Item	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".	3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2020 (Including Issuance Cost)

\$112,750

Project Description

Project will re-stripe roadway, include clearing & grubbing and update signage on Cranston Road between Shopiere and Milwaukee.

Project Justification

An MPO-SLATS funded corridor study was completed in 2019 for Cranston Road between Shopiere and Milwaukee. The study evaluated traffic operations, intersection layout, bike/ped facilities and safety along the corridor. The study provided recommendations and mitigation strategies to facilitate acceptable traffic Level of Service and to improve safety at key intersections. The project will implement some of these recommendations/strategies.

Operating Impact of Project (Positive - Savings or Negative - Costs)

No impact. The estimated issuance interest expense for this project which is budgeted in the debt service fund is \$2,750 in 2020 with a projected 10 years to pay off each project.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt		\$110,000						\$110,000
Total	\$0	\$110,000	\$0	\$0	\$0	\$0	\$0	\$110,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5258-In House Engineering		\$10,000						\$10,000
5511-Construction Costs		\$100,000						\$100,000
Total	\$0	\$110,000	\$0	\$0	\$0	\$0	\$0	\$110,000

OK OK OK OK OK OK OK OK

Program: 199 **Sub-Program:** 503

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2905660 Towntownline Curb and Gutter - Shirland to St. Lawrence					
Department/Division:	Public Works/Engineering			Responsible Person:	Jason Dupuis	
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".	X	3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2020 (Including Issuance Cost)

Project Description

This project will install curb and gutter on Towntownline Avenue where it currently does not exist. Project limits are from Shirland Av. to St. Lawrence Av.

Project Justification

The pavement in these areas is in poor condition and in need of reconstruction. As part of the reconstruction curbs will be added to conform with the adjacent blocks of Towntownline.

Operating Impact of Project (Positive - Savings or Negative - Costs)

The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2023 is \$14,400 with an estimated 10 years to pay off the project.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt					\$576,156			\$576,156
Total	\$0	\$0	\$0	\$0	\$576,156	\$0	\$0	\$576,156

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5258-In House Engineering					\$24,000			\$24,000
5511-Construction Costs					\$552,156			\$552,156
Total	\$0	\$0	\$0	\$0	\$576,156	\$0	\$0	\$576,156

OK OK OK OK OK OK OK OK

Program: 199 **Sub-Program:** 503

CITY OF BELOIT						
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM						
PROJECT REQUEST						
Project Title:	P2910450 Park Amenities & Enhancements					
Department/ Division:	DPW/Parks & Recreation		Responsible Person:	Mark Edwards		
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.
Total Funds Requested in 2020 (Including Issuance Cost)						
\$524,288						
Project Description						
<p>2020 - Replace 4 Tennis courts in Riverside Park \$137,500. 2020 - Resurface deteriorating tennis and basketball courts \$55,000. 2020 - Install new seat wall adjacent to the Moore Pavilion in Riverside Park \$16,500. 2020 - Replace the Turtle Island Playground Tree House in Riverside Park \$250,000. 2021 - Continue to install ADA compliant walks throughout our parks \$55,000. 2021 - Install new picnic shelter in Hinckley Park \$55,000. 2021 - Install new restroom in Telfer Park \$137,500. 2021-2022 - Replace high pressure sodium bulbs with LED lighting in Riverside Park \$200,000. 2022 - Replace ballfield backstops, fencing, scorer's huts, and upgrade lighting in Leeson Park \$275,000. 2022 - Replace perimeter fencing in Summit Park \$82,500. 2022-2023 - Upgrade sidewalks to meet ADA standards throughout Horace White Park \$100,000. 2023 - Install a bridge to the Greenway Trail system to make trails more contiguous. \$330,000. 2023 - Replace playground in Horace White Park \$110,000. 2024 - Replace aging shelter/restroom at Leeson Park \$275,000. 2024 - Replace Aging playground at Horace White Park \$110,000. 2025 - Wootton Park boat launch and tennis/pickle ball courts are heavily used. By installing a restroom/shelter would accommodate rental groups and boaters. These new amenities coupled with boat launch fees will increase overall revenue. Additionally, upgrading the tennis/pickle ball lighting will cut down electrical cost for using the lights \$220,000. 2025 - Replace playground in Hilliard Park \$82,500. 2025 - Replace playground in Telfer Park \$110,000. 2025 - Install skate spot in Hinckley Park \$66,000.</p>						

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2511705 Transit Fueling System				
Department/Division:	Community Development/Transit		Responsible Person:	Deputy Community Development Director Teri Downing	
Project Status:	X	One time project or Item		Multi-Year Project of Item	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".	3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2020 (Including Issuance Cost)
\$78,390

Project Description

Replace our current fueling system to include both equipment and installation. Replace existing fuel system with 1-new 10,000 gallon above ground self - contained (DEF) Diesel Exhaust Fluid system, Gasboy dispenser and Fuelmaster. 2021 Replace fuel tank, pump and fuel controls \$100,000

Project Justification

Current system is starting to show wear with breakdowns and calls for service, parts availability very poor since the company (Jeppa) went out of business.

Operating Impact of Project (Positive - Savings or Negative - Costs)

The federal government provides 80% of cost and the city is responsible for the remaining 20%. The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund in 2020 is \$390 and in 2021 is \$500 with an estimated 10 years to pay off the equipment.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt		\$15,600	\$20,000					\$35,600
4330-State/ Federal Funds		\$62,400	\$80,000					\$142,400
Total	\$0	\$78,000	\$100,000	\$0	\$0	\$0	\$0	\$178,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5533-Vehicle/ Equip/Software		\$78,000	\$100,000					\$178,000
Total	\$0	\$78,000	\$100,000	\$0	\$0	\$0	\$0	\$178,000

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Program: 399 **Sub-Program:** 510

CITY OF BELOIT								
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	P2961709 Americans with Disabilities Act (ADA)- Facility Audit Improvement Items							
Department/ Division:	Risk Management			Responsible Person:	David Niedfeldt			
Project Status:		One time project or Item	X	Multi-Year Project of Item		Yearly Project or Item		
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.		
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.	X	6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2020 (Including Issuance Cost)								
\$51,250								
Project Description								
ADA facility audit items will be identified in a facility wide audit involving the buildings and parks. The audit findings will require additional funding to complete each year. The audit has not been completed at this time or is guaranteed to be completed. If in the case it is completed and findings will be noted. There will need to be funding to completed the items. This includes costs for audits and improvements that were listed on the audit findings.								
Project Justification								
An RFP will be submitted for the completion of the ADA facility audit by an outside the City of Beloit professional service. The findings from the audit will identify actions that will correct ADA deficiencies. If these deficiencies are not corrected it may result in an ADA claim or citation against the City of Beloit.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
It will not result in an immediate hard savings for the City of Beloit. Completing the ADA project will create a more positive image and quality of infrastructure and connectivity. The estimated issuance interest expense for these projects each year, which are budgeted in the debt service fund is \$1,250 in 2020-2025 with a projected 10 years to pay off each project.								
Expenditure or Savings		2020	2021	2022	2023	2024	2025	Grand Total
								\$0
Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing Methods (Revenues)								
Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Total	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5511-Construction Costs		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Total	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
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Program: 399

Sub-Program: 510

CITY OF BELOIT
2020 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2970706 Krueger Pool Bath House Exterior Repairs					
Department/ Division:	DPW-Facilities			Responsible Person:	Jodine Saunders	
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	X	1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.	X	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2020 (Including Issuance Cost)

\$179,375

Project Description

Limestone Repairs \$35,000, Window Replacement \$100,000, Metal Clad Door Replacement \$15,000, Aluminum-Framed/Glass Entrance Replacement \$25,000

Project Justification

Window are behind design service life. All the frames are rusted and many are lacking perimeter sealants. Some of the lentils are deflected and need replacing and there are a number of section of limestone that are stained and cracked that will deteriorate further if nothing is done.

Operating Impact of Project (Positive - Savings or Negative - Costs)

No projected operating costs. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2020 is \$4,375 with an estimated 10 years to pay off the project.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt		\$175,000						\$175,000
Total	\$0	\$175,000	\$0	\$0	\$0	\$0	\$0	\$175,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5240-Professional Srv		\$9,600						\$9,600
5258-In House Engineering		\$9,600						\$9,600
5511-Construction Costs		\$155,800						\$155,800
Total	\$0	\$175,000	\$0	\$0	\$0	\$0	\$0	\$175,000

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Program: 399 **Sub-Program:** 510

**CITY OF BELOIT
2020 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

Project Title:	Pohlman Field Clubhouse Exterior Repairs					
Department/ Division:	DPW-Facilities		Responsible Person:	Jodine Saunders		
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	X	1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.	X	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2020 (Including Issuance Cost)

Project Description

2021 - Replace wood siding. 2022 - Replace Roof. 2023 - Replace windows.

Project Justification

2021 - Rotten siding. 2022 - Roof is beyond life expectance, it needs to be replaced. 2023 - Windows are past their life expectancy.

Operating Impact of Project (Positive - Savings or Negative - Costs)

No projected operating costs. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2021 is \$750, in 2022 is \$1,125 and in 2023 is \$300 with an estimated 10 years to pay off the project.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt			\$30,000	\$45,000	\$12,500			\$87,500
Total	\$0	\$0	\$30,000	\$45,000	\$12,500	\$0	\$0	\$87,500

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5511-Construction Costs			\$30,000	\$45,000	\$12,500			\$87,500
Total	\$0	\$0	\$30,000	\$45,000	\$12,500	\$0	\$0	\$87,500

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Program: 399 **Sub-Program:** 510

CITY OF BELOIT
2020-2025 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	Fire Station #2 Roof					
Department/Division:	DPW-Facilities			Responsible Person:	Jodine Saunders	
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2020 (Including Issuance Cost)

Project Description

Replace Roof

Project Justification

The roof is beyond the projected life expectancy and needs to be replaced.

Operating Impact of Project (Positive - Savings or Negative - Costs)

The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2022 is \$1,750 with an estimated 10 years to pay off the project.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt				\$70,000				\$70,000
Total	\$0	\$0	\$0	\$70,000	\$0	\$0	\$0	\$70,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5511-Construction Costs				\$70,000				\$70,000
Total	\$0	\$0	\$0	\$70,000	\$0	\$0	\$0	\$70,000

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Program: 399 _____ **Sub-Program:** 510 _____

CITY OF BELOIT								
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	P2962710 Handgun Replacement							
Department/Division:	Police			Responsible Person:	Chief Zibolski			
Project Status:	X	One time project or Item			Multi-Year Project of Item			Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	X	1. Create and sustain safe and healthy neighborhoods.		X	2. Create and sustain a "high performing organization".			3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.			5. Create and sustain high quality infrastructure and connectivity.			6. Create and sustain a positive image, enhance communications, and engage the community.
Total Funds Requested in 2020 (Including Issuance Cost)								
\$28,188								
Project Description								
The Police Department proposes to replace each sworn members duty handgun. The current duty weapons will reach the end of their replacement cycle in early 2020. Replacing 100 handguns at a \$500.50 cost per each.								
Project Justification								
The Police Department currently utilizes Glock, 40 caliber handguns for its sworn members. The handguns were issued in January of 2010 and have an average life expectancy of 10 years. In addition to providing a smoother shooting experience, the new handguns provide technological upgrades, such as red-dot and optical sighting, creating a safer environment and more adept shooting platform for our officers.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
This project will result in negative fiscal impact, but positive impact in terms of public safety. However, the initial negative fiscal impact will be reduced over the life of the handguns as 9mm ammunition is less costly than 40 caliber ammunition while delivering an enhanced shooting platform for our officers. The current handguns have a trade in value that significantly reduces the full purchase price of a new handgun. The new handguns will be 9mm Glock models that utilize the same holster, negating the need to purchase new leather equipment. The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund is \$687 in 2020 with a projected 10 years to pay off the equipment.								
Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Financing Methods (Revenues)								
Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt		\$27,500						\$27,500
Total	\$0	\$27,500	\$0	\$0	\$0	\$0	\$0	\$27,500
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5533-Vehicle/Equip/Software		\$27,500						\$27,500
Total	\$0	\$27,500	\$0	\$0	\$0	\$0	\$0	\$27,500
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Program: 499 **Sub-Program:** 511

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2953711 Virtual Desktop PC Replacements						
Department/ Division:	Information Technology			Responsible Person:	Ray Gorline		
Project Status:	One time project or Item	X	Multi-Year Project of Item		Yearly Project or Item		
Focus Area(s) Addressed: Strategic Plan Goal	1. Create and sustain safe and healthy neighborhoods.	X	2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.		
	4. Create and sustain a high quality of life.		5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.		

Total Funds Requested in 2020 (Including Issuance Cost)

\$205,000

Project Description

This project begins the task of replacing the aging PC fleet with virtual machine hardware that is capable of loading desktop software instances that can change, depending on user credentials.

Project Justification

PC hardware has a manufacturer life expectancy of 3-5 years, depending on the environmental exposure of the equipment. It is expected that several of the PC deployments in the Police Department will begin to fail as they approach the manufacturers life expectancy date. Most often, failures begin with the internal hard drives, video cards, and power supplies.

Operating Impact of Project (Positive - Savings or Negative - Costs)

No projected operating costs. The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund is \$5,000 in 2020 and \$2,500 in 2021 and 2022, with a projected 10 years to pay off the equipment.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt		\$200,000	\$100,000	\$100,000				\$400,000
Total	\$0	\$200,000	\$100,000	\$100,000	\$0	\$0	\$0	\$400,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5533-Vehicle/ Equip/Software		\$200,000	\$100,000	\$100,000				\$400,000
Total	\$0	\$200,000	\$100,000	\$100,000	\$0	\$0	\$0	\$400,000

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Program: 399 **Sub-Program:** 511

CITY OF BELOIT								
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	P2963713 Heavy Duty Vehicle Lifts							
Department/Division:	Fire/ Firefighting and Rescue			Responsible Person:	Assistant Chief Daniel Pease			
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item		
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.	X	2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.		
	X	4. Create and sustain a high quality of life.		5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2020 (Including Issuance Cost)								
\$68,866								
Project Description								
This project will replace hydraulic floor jacks that currently cannot lift fire apparatus to needed working and service height. Mobile column lifts will allow mechanics maximum access to the vehicles without any tripping hazards. Access to the vital components of fire apparatus is such that vital components have to be accessed from the bottom of the vehicle. The cost of fire apparatus continues to increase so a comprehensive maintenance program will help increase the service life of these vehicles. This project is included as part of the maintenance program in the strategic plan for 2020.								
A mobile column lift system will improve workplace safety, allow mobility, and improve in-service availability of apparatus. One of the department's objective is to reduce and prevent back injuries to the mechanics who are forced to lifting from a position that is awkward and not conducive to proper lifting technics. The other objective is to reduce out of service time of emergency vehicles. This is increasingly important as the department reduces the size of its fleet allowing fewer vehicles to be place in service. Mobile column lifts are versatile and portable and can be used on all fleet vehicles within the department.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
Potential savings from work comp claims. The estimated issuance expense interest for this project which would budgeted in the debt service fund in 2020 is \$4,375 with a projected 10 years to pay off the equipment.								
Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Financing Methods (Revenues)								
Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt		\$67,186						\$67,186
Total	\$0	\$67,186	\$0	\$0	\$0	\$0	\$0	\$67,186
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5533-Vehicle/ Equip/Software		\$67,186						\$67,186
Total	\$0	\$67,186	\$0	\$0	\$0	\$0	\$0	\$67,186
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Program: 499

Sub-Program: 511

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	Replacement of Stryker Power Load and Power Cots					
Department/Division:	Fire/Ambulance		Responsible Person:	Deputy Chief Joseph Murray		
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	X	1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.
	X	4. Create and sustain a high quality of life.		5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2020 (Including Issuance Cost)

Project Description

This project will replace the four Stryker Power Cot and Power Load systems that the department currently utilizes on each of its ambulances. The projection for replacing the Stryker Power Load and Power Cots is included. The project can be funded over a two year period with half of the funding being set aside in 2021 and 2022 . This project is included in the Ambulance Division's strategic plan for 2022. The department will need to replace 4 Power Load and Power Cot systems at the cost of approximately \$43,750 per system.

The Stryker Power Load and Power Cot systems that the department uses were purchased in 2014 as part of a CIP project. The department relies heavily on this Power Load and Power Cot system to prevent back injuries from lifting patients This system has reduced back injuries related to lifting patients on ambulance cots by 100%. The department has not had any back injuries related to lifting patients on cots during the time we have had these cots.

Operating Impact of Project (Positive - Savings or Negative - Costs)

The estimated issuance expense interest for this project which would budgeted in the debt service fund in 2021 and 2022 is \$2,185 with a projected 10 years to pay off the equipment.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0						

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt			\$87,500	\$87,500				\$175,000
Total	\$0	\$0	\$87,500	\$87,500	\$0	\$0	\$0	\$175,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5533-Vehicle/Equip/Software			\$87,500	\$87,500				\$175,000
Total	\$0	\$0	\$87,500	\$87,500	\$0	\$0	\$0	\$175,000

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Program: 499

Sub-Program: 511

CITY OF BELOIT						
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM						
PROJECT REQUEST						
Project Title:	P2511263 Transit Bus Replacement					
Department/ Division:	Community Development/Transit		Responsible Person:	Deputy Community Development Director Teri Downing		
Project Status:	<input type="checkbox"/>	One time project or Item	<input checked="" type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input checked="" type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input checked="" type="checkbox"/>	4. Create and sustain a high quality of life.	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.
Total Funds Requested in 2020 (Including Issuance Cost)						
\$519,221						
Project Description						
2020: Replace 1 2006 Gillig Low Floor Bus 2021: Replace 1 2006 Gillig Low Floor Bus 2022: Replace 3 2007 Gillig Low Floor Buses						
Project Justification						
Upgrade existing fleet to within (FTA) Federal Transit Administration guidelines (12 years or 500K miles). "In May of 2018 the State of Wisconsin announced that the City of Beloit will be granted \$413,310 as part of the State of Wisconsin's allotment as part of the Federal Transit Administration's (FTA) FFY 2017 Section 5339 Formula Capital Awards for Bus and Bus Facilities Capital Grant Program. The grant funding represents a maximum of 80% of the cost of one new 35' Transit Coach (that will replace a 2006 model year bus). The FTA considers the usable life of a full-sized heavy duty transit coach of the type we operate to be the lesser of 12 years or 500,000 miles. Bus procurement is a lengthy process, including a 15-22 month period from the time a purchase order is issued until the time the new bus is built, delivered and finally invoiced. Given the age of our transit fleet, it is important that procuring the new bus not be delayed (average age 9, with more than half the current fleet exceeding 500,000 miles or 12 years within two years). Including this project in the 2020 CIP cycle will allow the City to issue a purchase order in 2018, with a 2020 delivery date. The local share (\$103,328) will come from a 2020 GO Bond, as the invoice for the full cost of the bus is not issued until the buses are delivered which will be in 2020. Currently the State of Wisconsin Department of Transportation is working on a statewide joint bus procurement. The City intends on participating in that joint procurement, which will enable not only full compliance with federal, state and City purchasing requirements, but also ensure full and competitive bid pricing.						

CITY OF BELOIT

2020 - 2025 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Fire Station Alerting System						
Department/ Division:	Fire/ Firefighting and Rescue			Responsible Person:	Assistant Chief Daniel Pease		
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	X	1. Create and sustain safe and healthy neighborhoods.	X	2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.	
	X	4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2020 (Including Issuance Cost)

Project Description

This project will help reduce dispatch call processing times making fire department notification almost instantaneous. By reducing the dispatch time to a fire or EMS incident it increases the likelihood of a successful interior rescue, increases property conservation and allows earlier medical intervention for persons in distress. Outdated systems takes 20 to 60 seconds to send out alerts. A digital system can do all this in 1 (one) second. A fire doubles in size every 60 seconds, the human brain begins to die when deprived of oxygen in 6 minutes so reducing response times will improve the fire departments ability to make a positive impact to the community.

A digital fire station alerting system will increase situation awareness and mental preparedness by using clear, consistent station alerting vocals. This will help firefighters respond more quickly and efficiently. These systems have proven to reduce cardiac stress, anxiety, optical shock, and sleep deprivation. The ramped tones and zoned alerting only notify required stations and/or individual units reducing the stress to department personnel. There are safety and redundancies built into these systems to reduce the chances of missing emergency calls during grid or power failures. When an incident occurs, the computer-aided dispatch (CAD) System interfaces with the communications gateway, located at the dispatch processing center. The gateway receives alert data from a dispatcher via an interface with an existing host or directly from a Web-based interface. This allows the fire department to receive the incidents in real-time freeing up dispatchers to communicate with callers and manage the dispatch process more successfully. These enhancements ensures emergency personnel will arrive quickly and better informed, for a more optimized response.

Operating Impact of Project (Positive - Savings or Negative - Costs)

The estimated issuance expense interest for this project which would budgeted in the debt service fund in 2021 is \$6,125 with a projected 10 years to pay off the equipment.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt			\$245,000					\$245,000
Total	\$0	\$0	\$245,000	\$0	\$0	\$0	\$0	\$245,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5240- Professional Srv			\$245,000					\$245,000
Total	\$0	\$0	\$245,000	\$0	\$0	\$0	\$0	\$245,000

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Program: 499

Sub-Program: 513

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2670719 Replace Well House #8 Structure						
Department/Division:	Public Works/Water Resources			Responsible Person:	Bill Frisbee		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2020 (Including Issuance Cost)
\$50,000

Project Description

The well house is of concern and future replacement is warranted. The building has two levels, including chemical injection below grade. Access to the lower level is by ladder making maintenance difficult and adding a safety concern. Additionally, the lower level is considered a confined space aggravating safety concerns.

Project Justification

The existing structure is 71 years old and in fair to poor condition. The well contributes nearly 12% of the total daily flow and its structural integrity is critical to system operation.

Operating Impact of Project (Positive - Savings or Negative - Costs)

This project will be funded through prior unspent water utility project funding.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0						

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
490007-Utility Revenue Bond			\$875,000					\$875,000
4999-Fund Balance		\$50,000						\$50,000
Total	\$0	\$50,000	\$875,000	\$0	\$0	\$0	\$0	\$925,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5240-Professional Srv		\$50,000	\$50,000					\$100,000
5258-In House Engineering			\$50,000					\$50,000
5511-Construction Costs			\$775,000					\$775,000
Total	\$0	\$50,000	\$875,000	\$0	\$0	\$0	\$0	\$925,000

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Program: 199 **Sub-Program:** 505

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2670718 Gateway PRV Installation					
Department/ Division:	Public Works/Water Resources		Responsible Person:	Bill Frisbee		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2020 (Including Issuance Cost)
\$275,000

Project Description

Install a pressure reducing valve (PRV) on Gateway Boulevard near Kettle Foods.

Project Justification

The PRV is required to step down from the Gateway Pressure Zone to the Main Zone. Water main was installed in 2018 to provide service to the southern part of the Gateway Business Park and provide a looped connection for Illinois-American Water on the east side on the interstate. The PRV will need to be installed to complete the project and make the connection.

Operating Impact of Project (Positive - Savings or Negative - Costs)

The PRV station will require some annual heating and maintenance costs. 28. Gateway PRV installation will be partially funded through the City and 50% through Illinois American Water.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$6,000
Total	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$6,000

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4999-Fund Balance		\$137,500						\$137,500
4501- Other		\$137,500						\$137,500
Total	\$0	\$275,000	\$0	\$0	\$0	\$0	\$0	\$275,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5258-In House Engineering		\$25,000						\$25,000
5511-Construction Costs		\$250,000						\$250,000
Total	\$0	\$275,000	\$0	\$0	\$0	\$0	\$0	\$275,000

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Program: 199 **Sub-Program:** 505

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2605472 Well Pumping Equipment						
Department/Division:	Public Works/Water Resources			Responsible Person:	Bill Frisbee		
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2020 (Including Issuance Cost)

Project Description

Replace water well and booster station pumping equipment, including pumps, motors, switchgear, control equipment, etc.

Project Justification

Water station pumping equipment requires periodic replacement as it reaches its service life. There are currently twelve pumping stations; Nominally two stations per year should be upgraded to ensure system reliability, code compliance, etc.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Other than funding from operating budget, projects would tend to keep operating budget stable, with improved efficiencies offsetting energy cost increases.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0						

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
490007-Utility Revenue Bond	\$108,000							\$108,000
4999-Fund Balance			\$111,000	\$114,000	\$117,000	\$120,000	\$123,000	\$585,000
Total	\$108,000	\$0	\$111,000	\$114,000	\$117,000	\$120,000	\$123,000	\$693,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5511-Construction Costs 325 Electric Pumping Equipment	\$108,000		\$111,000	\$114,000	\$117,000	\$120,000	\$123,000	\$693,000
Total	\$108,000	\$0	\$111,000	\$114,000	\$117,000	\$120,000	\$123,000	\$693,000

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Program: _____ 199 **Sub-Program:** _____ 505

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	Turtle Creek Streambank Stabilization					
Department/Division:	Public Works/Water resources		Responsible Person:	Bill Frisbee		
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.
	X	4. Create and sustain a high quality of life.		5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2020 (Including Issuance Cost)

Project Description

Stabilize approximately 550 linear feet of the bank of Turtle Creek.

Project Justification

The bank is severely eroded. The erosion is beginning to impact the Turtle Creek Greenway Trail. As the bank continues to erode, trees are collapsing into the stream causing the water to back up. Staff time is required to acquire permits and remove the trees.

Operating Impact of Project (Positive - Savings or Negative - Costs)

There would be a reduction in staff time spent pulling trees out of the creek.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$5,000
Total	\$0	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$5,000

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
490007-Utility Revenue Bond			\$300,000					\$300,000
Total	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5240-Professional Srv			\$25,000					\$25,000
5258-In House Engineering			\$25,000					\$25,000
5511-Construction Costs			\$250,000					\$250,000
Total	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000

OK OK OK OK OK OK OK OK

Program: 199 **Sub-Program:** 506

CITY OF BELOIT

2020 - 2025 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Hart Road Storm Water Pond					
Department/ Division:	Public Works/Water Resources		Responsible Person:	Bill Frisbee		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.
	<input checked="" type="checkbox"/>	4. Create and sustain a high quality of life.		5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2020 (Including Issuance Cost)

Project Description

Construct a storm water detention basin on the north side of Hart Road between Robinson Drive and Iva Ct. This property is currently in the Town of Beloit.

Project Justification

During heavy rainfall events Wood Drive, Butlin Drive, Iva Ct and Scotties Drive all experience fairly significant flooding. The storm sewer capacity is limited due to flat slopes on the pipes. The flooding causes inflow into the sanitary sewer as well. The Iva Ct lift station is taxed during these events. If not addressed, the sewer will begin to back up into people's homes.

Operating Impact of Project (Positive - Savings or Negative - Costs)

There will be ongoing mowing cost to maintain the detention basin. Savings will be realized through decreased use of the Iva Ct. liftstation and potential claims for sewer back ups in basements.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
490007-Utility Revenue Bond			\$400,000					\$400,000
Total	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5240-Real Estate Services			\$5,000					\$5,000
5258-In House Engineering			\$30,000					\$30,000
5510-Land Acq/Relocate			\$50,000					\$50,000
5511-Construction Costs			\$315,000					\$315,000
Total	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000

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Program: 199

Sub-Program: 506

CITY OF BELOIT

2020 - 2025 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Henderson Avenue Storm Water Pond						
Department/ Division:	Public Works/Water Resources			Responsible Person:	Bill Frisbee		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.	
	<input checked="" type="checkbox"/>	4. Create and sustain a high quality of life.		5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2020 (Including Issuance Cost)

Project Description

Construct a storm water retention basin on the north side of Henderson Avenue between Wisconsin Avenue and Porter Avenue. This property is currently located in the Town of Beloit.

Project Justification

The City of Beloit is required to reduce the discharge of Total Suspended Solids (TSS) and Total Phosphorus to the local waterways from the Municipal Separate Storm Sewer System (MS4). This is a requirement of the Rock River TMDL and our MS4 permit. This project would remove approximately 45 tons of TSS and 228 pounds of phosphorus annually of the required 167 Tons and 1,556 pounds respectively.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
490007-Utility Revenue Bond			\$1,250,000					\$1,250,000
Total	\$0	\$0	\$1,250,000	\$0	\$0	\$0	\$0	\$1,250,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5240-Professional Srv			\$100,000					\$100,000
5240-Real Estate Services			\$10,000					\$10,000
5258-In House Engineering			\$40,000					\$40,000
5510-Land Acq/Relocate			\$125,000					\$125,000
5511-Construction Costs			\$975,000					\$975,000
Total	\$0	\$0	\$1,250,000	\$0	\$0	\$0	\$0	\$1,250,000

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Program: 199

Sub-Program: 506

CITY OF BELOIT
2020 - 2025 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2967520: Property Acquisition/Demolition/Rehabilitation					
Department/Division:	Community Development			Responsible Person:	Julie Christensen	
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed:	X	1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.
Strategic Plan Goal		4. Create and sustain a high quality of life.		5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2020 (Including Issuance Cost)
\$256,250

Project Description

Purchase tax foreclosure properties for defensive purposes to ensure that these houses do not negatively impact our neighborhoods. Fund the demolition of condemned properties which are not demolished by the owner in the required 30 days. Provide the local match for HOME-funded purchase-rehab projects.

Project Justification

The Housing Incentive Policy, which was adopted by the City Council, identifies as an activity the purchase of foreclosed properties from Rock County. Also, during the year, properties often become available for sale which are detrimental to our neighborhoods. It is in the best interest of the City to make these defensive purchases. It is also important to reduce the number of unsafe structures in the City of Beloit. The proposed activities to be funded help stabilize our neighborhoods.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Acquisition and probable demolition of the houses will aid in blight reduction and reduce the number of negative neighborhood issues which normally arise where there are blighted or vacant structures. This will also help bring up the average value of the remaining housing stock in these areas. The drawback is that the assessment will decrease after the demolition. Using the funds to meet the local match requirement helps increase the value of the property, thus increasing the City's tax base. The estimated issuance interest expense for these projects, which are budgeted in the debt service fund is \$7,500 in 2020-2025 with a projected 10 years to pay off the projects.

Expenditure or Savings	2020	2021	2022	2023	2024	2025	Grand Total
N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0						

Financing Methods (Revenues)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
4900-GO Debt	\$250,000	\$250,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$2,000,000
Total	\$250,000	\$250,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$2,000,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2020	2021	2022	2023	2024	2025	Grand Total
5240-Professional Srv	\$50,000	\$50,000	\$145,000	\$145,000	\$145,000	\$145,000	\$145,000	\$825,000
5258-In House Engineering	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$35,000
5516-Demo & Site Prep	\$195,000	\$195,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$1,140,000
Total	\$250,000	\$250,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$2,000,000

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Program: 299

Sub-Program: 508



SIX YEAR STREET RESURFACING PLAN

2020 TO 2025

Prepared By: Raymond Hill
ENGINEERING DEPARTMENT
CITY OF BELOIT
Revision date: December 6, 2019

Table of Contents

Introduction

2020 Proposed CIP and Street Maintenance list of streets, cost estimate and map.

2021 Proposed CIP and Street Maintenance list of streets, cost estimate and map.

2022 Proposed CIP and Street Maintenance list of streets, cost estimate and map.

2023 Proposed CIP and Street Maintenance list of streets, cost estimate and map.

2024 Proposed CIP and Street Maintenance list of streets, cost estimate and map.

2025 Proposed CIP and Street Maintenance list of streets, cost estimate and map.

Appendix A

Alphabetical listing of all streets scheduled in this report.

CITY OF BELOIT

PAVEMENT RESURFACING PROGRAM 2020 - 2025

Introduction

The annual Pavement Resurfacing Program seeks to extend the functional life of the city's streets. Over time, the effects of weather, freeze thaw cycles, and traffic can cause cracks to form in pavements, which then permit water to enter the street subgrade. It is known that poor drainage and a saturated subgrade lead to quick deterioration of pavements. The application of an asphalt surface overlay, the repair of broken or missing curb and gutter, and construction of storm sewers are effective ways to minimize and mitigate this deterioration. The goal of this program is to systematically implement major repairs that will last at least twenty years. Also listed for reference are streets in need of minor preventative maintenance in order to achieve a twenty year lifespan.

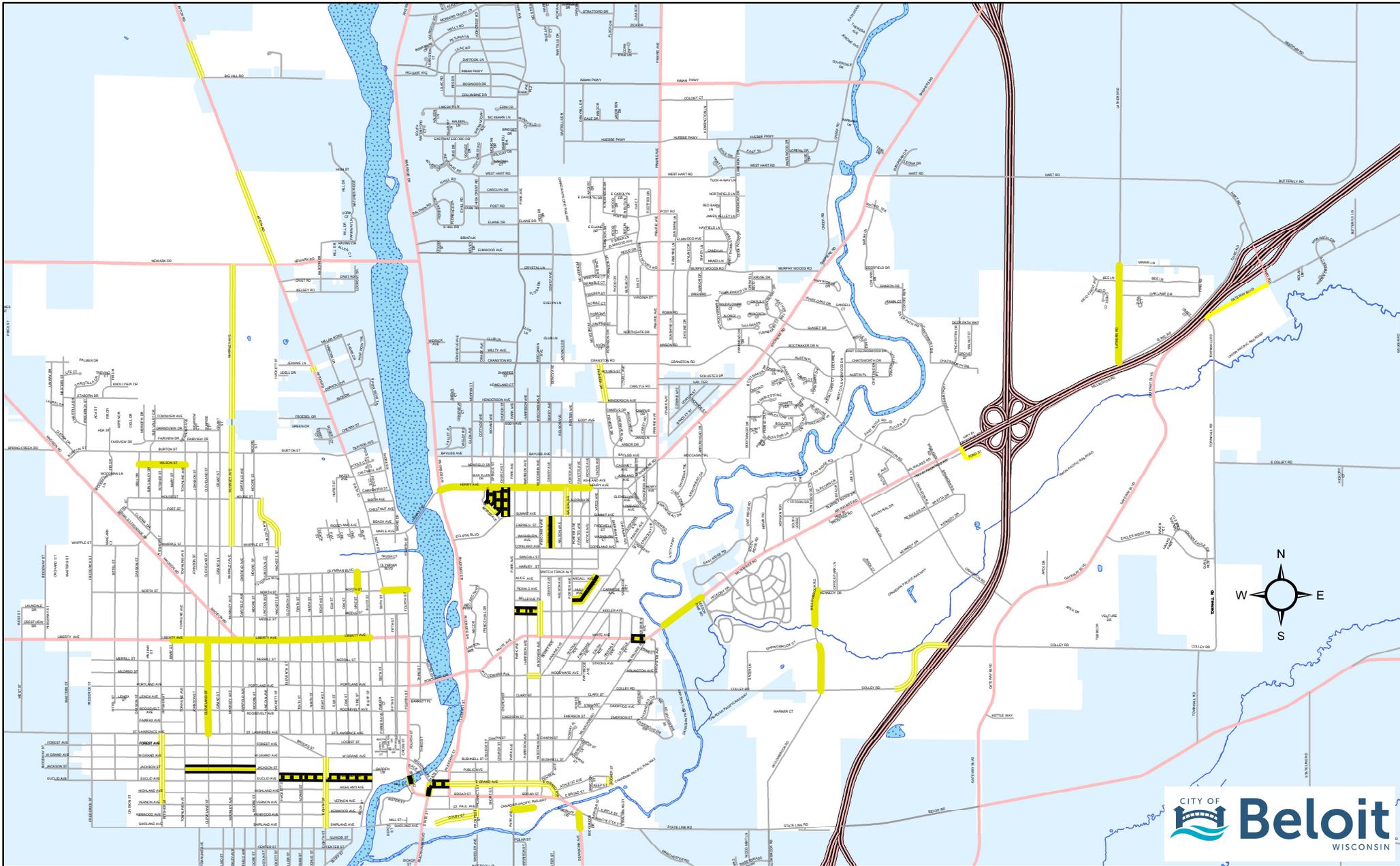
Each street segment was inspected in 2019 and assigned a condition value between 1 and 10. Ten represents a new street, while 1 represents a complete loss of driving surface. Complete reconstruction is required for streets rated 4 or less, while routine maintenance will extend the life of streets rated 7 or better. There are 1803 paved street segments in the database representing 186.3 miles of pavement. In 2019 the average street condition rating was 5.56, and in 2017 it was 5.95.

Appendix A shows all of the streets which are scheduled according to this plan arranged in alphabetical order.

The schedules of repair that follow are the results of several iterations of the pavement management program and have been reviewed for priority, balance, and contiguity within the budget allocated for street maintenance. This six-year program is presented as a flexible planning tool, and not as a conclusive list of repairs to be made.

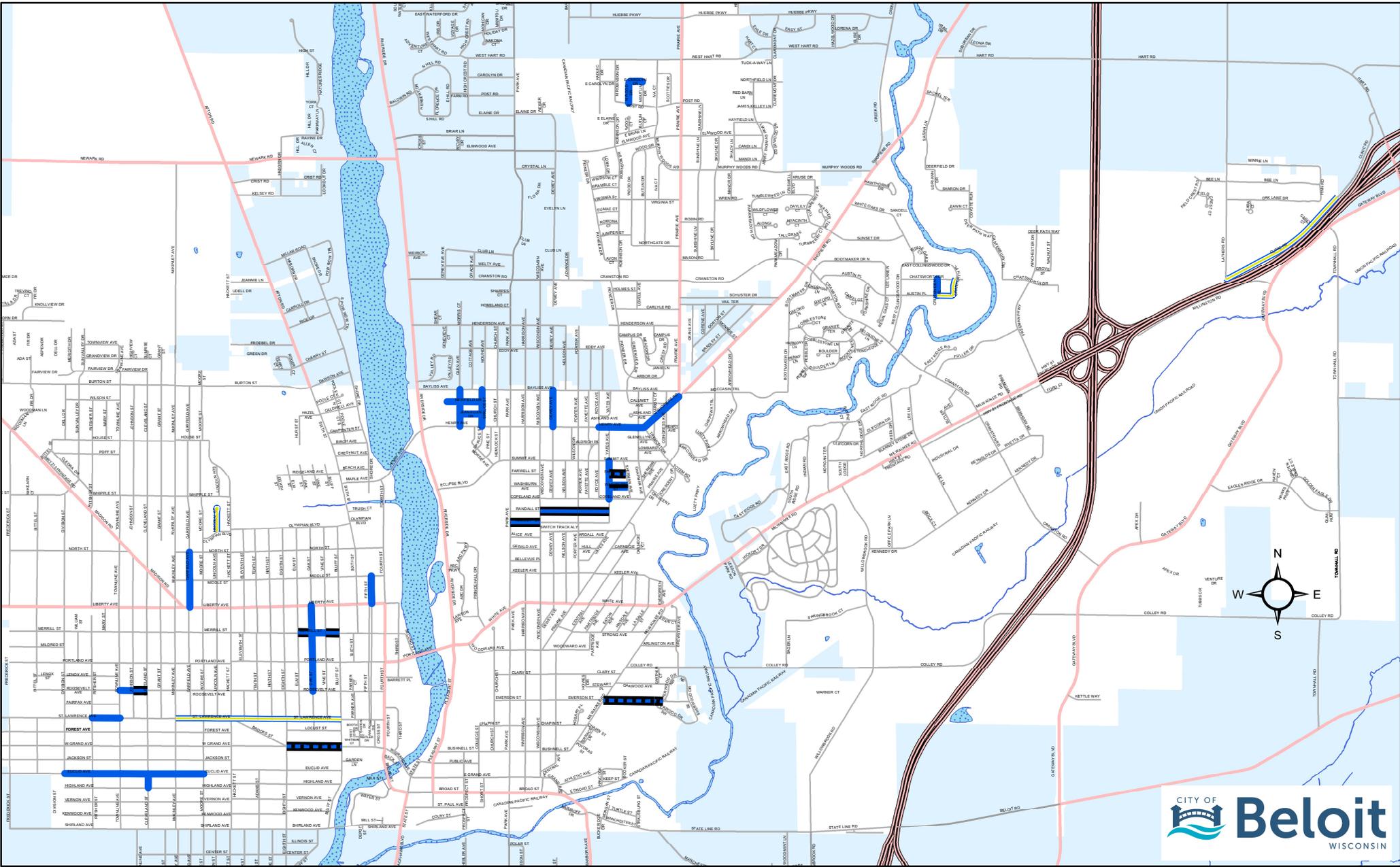
Plan Year 2020					
Capital Improvement					
Street Name	From	Toward	Scope	Length (Feet)	Cost
E Grand Ave	State	to Pleasant	Reconstruction	535	\$ 419,772
Euclid Ave	Bluff	to Hackett	Reconstruction	2,631	\$ 1,160,915
Ford St	Milwaukee	to End South	State Realignment	716	Project is cost specific
Gateway Blvd	Townhall Rd	to CTH X	State Sewer & Water	2,012	Project is cost specific
Hemlock St	Morse	to Henry	Reconstruction	831	\$ 349,296
Henry Ave	Riverside	to Royce	Mill & Overlay	4,235	\$ 334,720
Keeler Ave	Park	to Wisconsin	Reconstruction	725	\$ 335,215
Liberty Ave	Bluff	to Mary	Panel Replacement	5,573	Project is cost specific
Milwaukee Rd	Bridge	to Leeson Park	Panel Replacement	1,315	Project is cost specific
North St	Fourth	to Sixth	Turnlane	673	\$ 75,000
Willowbrook Rd	Colley	to Kennedy	Panel Replacement	2,254	Project is cost specific
2020 Capital Improvement		(43 Blocks)			\$ 2,674,917
Street Maintenance					
Street Name	From	Toward	Scope	Length (Feet)	Cost
Afton Rd	Newark	to City Limits	Crackfill	2,844	\$ 10,153
Afton Rd	Big Hill Rd	to N City Limits	Crackfill	1,065	\$ 3,802
Afton Rd	Udell Dr	to Jeannie La	Crackfill	149	\$ 375
Booker St	E Broad	to Athletic	Crackfill	246	\$ 723
Broad St	Rock River	to Rock River	Deck Repairs	265	Project is cost specific
Cleveland St	St Lawrence	to Liberty	Mill & Overlay	2,653	\$ 119,557
Colby St	End West	to Prospect	Crackfill	1,197	\$ 4,525
Colley Rd	Begin Curve	to Interstate 90	Crackfill	2,336	\$ 6,132
Dearborn St	Illinois	to Manchester	Mill & Overlay	408	\$ 38,230
Dewey Ave	Copeland	to Summit	Mill & Overlay & Crack and Seat	909	\$ 46,713
E Grand Ave	Pleasant	to Broad	Crackfill	3,265	\$ 16,123
Eighth St	Shirland	to Kenwood	Crackfill	365	\$ 1,456
Eighth St	Shirland	to W Grand	Crackfill	1,993	\$ 7,952
Hackett St	Whipple	to House	Crackfill	1,562	\$ 4,458
Jackson St	Moore	to Townline	Mill & Overlay & Curb	1,989	\$ 334,161
Lathers Rd	Clinic	to Minnie	Mill & Overlay	2,743	\$ 96,207
Mckinley Ave	Whipple	to City Limits	Crackfill	3,428	\$ 10,868
Mckinley Ave	945' N Of Burton	to Newark	Crackfill	4,363	\$ 14,660
Morse Ave	Spruce	to Pine	Crackfill	299	\$ 1,727
Pine St	Morse	to Henry	Reconstruction	770	\$ 258,925
Pioneer Dr	Henderson	to Cranston	Crackfill	1,106	\$ 3,830
Prospect St	Colby	to St Paul	Crackfill	164	\$ 517
Ritsher St	Highland	to St Lawrence	Crackfill	1,999	\$ 5,454
Spruce St	Morse	to Henry	Reconstruction	561	\$ 141,484
State St	Broad	to E Grand	Brick Maintenance	389	Project is cost specific
St Paul Ave	Park	to End East	Mill & Overlay	563	\$ 23,543
Vine St	North St	to Olympian	Mill & Overlay	544	\$ 25,176
White Ave	Lasalle	to Milwaukee	Reconstruction	400	\$ 168,133
Wilson Dr	Summit Ave	to Henry Ave	Crackfill	807	\$ 1,186
Wilson St	Townline	to Dell	Mill & Overlay	1,304	\$ 80,966
Wisconsin Ave	White	to Bellevue	Crackfill	998	\$ 3,353
Woodward Ave	Harrison	to Wisconsin	Crackfill	366	\$ 1,076
Yates Ave	Porter	to Switch Track	Mill & Overlay & Crack and Seat & Curb	1,087	\$ 192,449
2020 Street Maintenance		(70 Blocks)			\$ 1,623,914

2020 Streets Plan



Plan Year 2021					
Capital Improvement					
Street Name	From	Toward	Scope	Length (Feet)	Cost
Emerson St	Milwaukee to	Sherwood North	Reconstruction	206	\$ 585,758
Henry Ave	Royce to	Tremont	Mill & Overlay	1,078	\$ 86,709
Shopiere Rd	Tremont to	Prairie	Mill & Overlay	1,109	\$ 79,726
W Grand Ave	Bluff to	Eighth	Reconstruction	1,314	\$ 773,243
2021 Capital Improvement			(10 Blocks)		\$ 1,525,436
Street Maintenance					
Street Name	From	Toward	Scope	Length (Feet)	Cost
Austin Pl	Crittenden Dr to	Carnforth Pl	Overlay	374	\$ 15,888
Carnforth Pl	Austin Pl to	Chatsworth Dr	Overlay	399	\$ 16,692
Cleveland St	Highland to	Euclid	Mill & Overlay	333	\$ 17,679
Clinic Rd	Lathers to	City Limits	Overlay	3,348	\$ 106,424
Crittenden Pl	Austin to	Chatsworth	Mill & Overlay	398	\$ 18,017
Dewey Ave	Henry to	Bayliss	Mill & Overlay	877	\$ 40,254
Carolyn Dr E	Wood to	Butlin	Mill & Overlay	320	\$ 20,933
Euclid Ave	Moore to	Division	Mill & Overlay	3,316	\$ 141,103
Farwell St	Yates to	Sherman	Stabilize and Repave & Curb	398	\$ 72,062
Fifth St E	Liberty to	Middle	Mill & Overlay	663	\$ 27,443
Garfield Ave	Liberty to	North St	Mill & Overlay	1,320	\$ 62,498
Glen Ave	Henry to	Bayliss	Mill & Overlay	880	\$ 48,098
Harvey St	Park to	Wisconsin	Mill & Overlay & Curb	716	\$ 123,875
Jean Ellen Dr	Glen to	Spruce	Mill & Overlay	528	\$ 25,771
Lincoln Ct	Olympian to	Cul-De-Sac	Crackfill	653	\$ 2,304
Merrill St	Bluff to	Elm	Mill & Overlay & Curb	988	\$ 137,259
Newfield Dr	End West to	Spruce	Mill & Overlay	833	\$ 42,288
Wood Dr N	Post to	Carolyn	Mill & Overlay	512	\$ 31,178
Oak St	Roosevelt to	Liberty	Mill & Overlay	2,055	\$ 96,859
Randall St	Wisconsin to	Yates	Mill & Overlay & Curb	1,646	\$ 288,499
Roosevelt Ave	Cleveland to	Townline	Mill & Overlay	656	\$ 77,540
Spruce St	Henry to	Bayliss	Mill & Overlay	879	\$ 48,056
St Lawrence Ave	Bluff to	Mckinley	Crackfill	3,948	\$ 14,485
St Lawrence Ave	Townline to	Ritsher	Mill & Overlay	659	\$ 31,207
Washburn St	Yates to	Sherman	Stabilize and Repave	453	\$ 22,969
Yates Ave	Copeland to	Summit	Mill & Overlay	910	\$ 49,343
2021 Street Maintenance			(70 Blocks)		\$ 1,578,720

2021 Streets Plan



Plan Year 2022

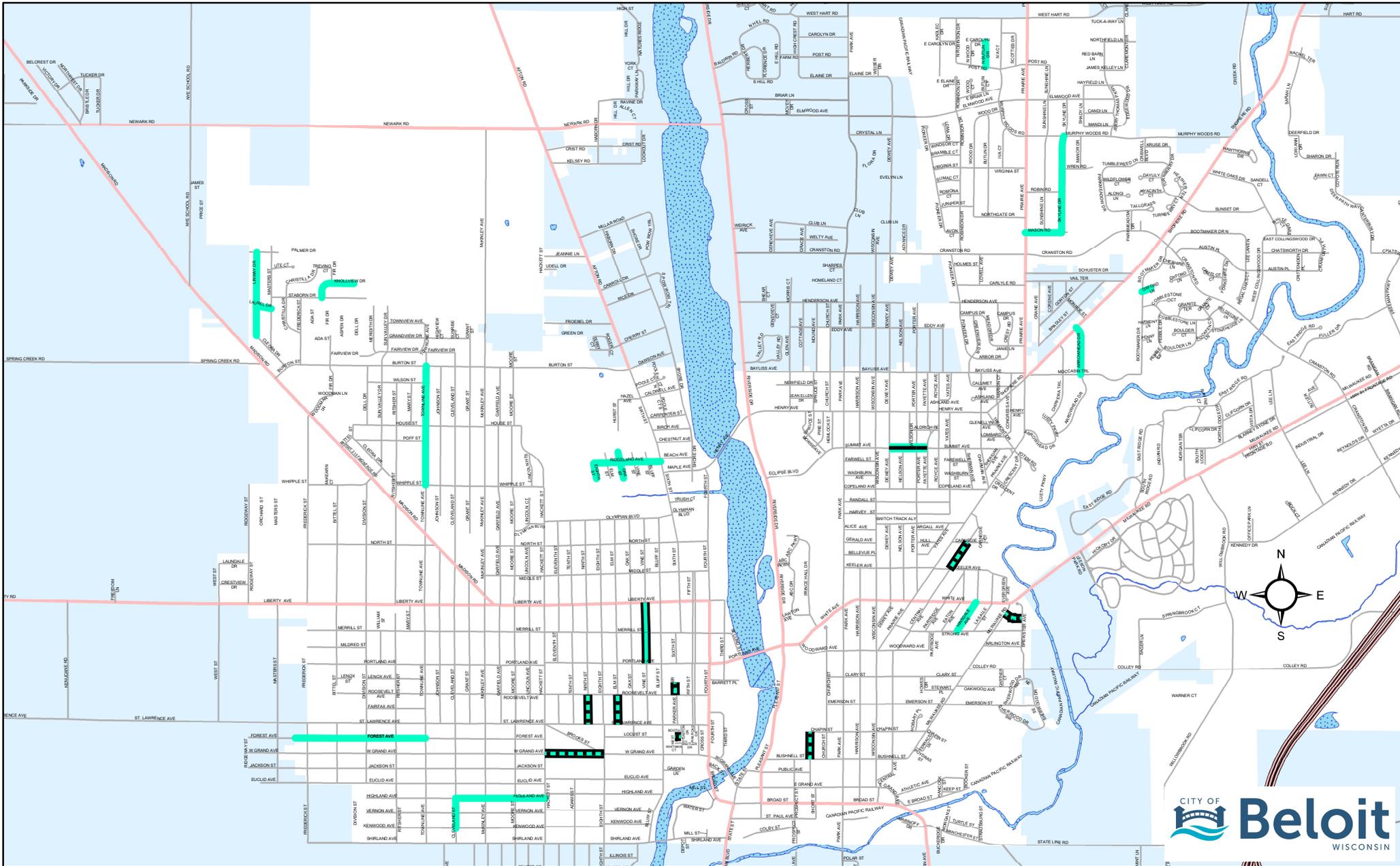
Capital Improvement

Street Name	From	Toward	Scope	Length (Feet)	Cost
W Grand Ave	Eighth to	Hackett	Reconstruction	1,321	\$ 673,390
2022 Capital Improvement			(1 Block)		\$ 673,390

Street Maintenance

Street Name	From	Toward	Scope	Length (Feet)	Cost
Arrowhead Dr	Moccasin Trl to	Shopiere Rd	Mill & Overlay	1,082	\$ 64,670
Butlin Dr N	Post to	E Carolyn	Mill & Overlay	554	\$ 35,089
Cleveland St	Kenwood to	Highland	Mill & Overlay	665	\$ 37,082
Eighth St	End South to	Ridgeland	Mill & Overlay	350	\$ 21,482
Forest Ave	Townline to	City Limits	Mill & Overlay	2,905	\$ 122,278
Highland Ave	Hackett to	Cleveland	Mill & Overlay	1,988	\$ 98,782
Hinsdale Ave	Strong to	White	Mill & Overlay	759	\$ 34,763
Knoll View Dr	Staborn to	Dell	Mill & Overlay	959	\$ 63,324
Laurel Dr	Linway to	Masters	Mill & Overlay	340	\$ 23,100
Linway Dr	Cleora to	Palmer	Mill & Overlay	1,861	\$ 112,365
Mason Rd	Prairie to	Skyline	Mill & Overlay	813	\$ 53,652
Oak St	End South to	End North	Mill & Overlay	597	\$ 34,119
Oxford Ln	Bootmaker to	End E	Mill & Overlay	218	\$ 16,266
Ridgeland Ave	Sixth to	Eighth	Mill & Overlay	1,488	\$ 86,887
Skyline Dr	Mason to	Murphy Woods	Mill & Overlay	2,158	\$ 130,842
Summit Ave	Dewey to	Fayette	Mill & Overlay & Crack and Seat & Curb	850	\$ 171,735
Townline Ave	Whipple to	Burton	Mill & Overlay	2,657	\$ 148,525
Vine St	Portland to	Liberty	Mill & Overlay & Curb	1,358	\$ 251,340
2022 Capital Improvement			(41 Blocks)		\$ 1,506,299

2022 Streets Plan

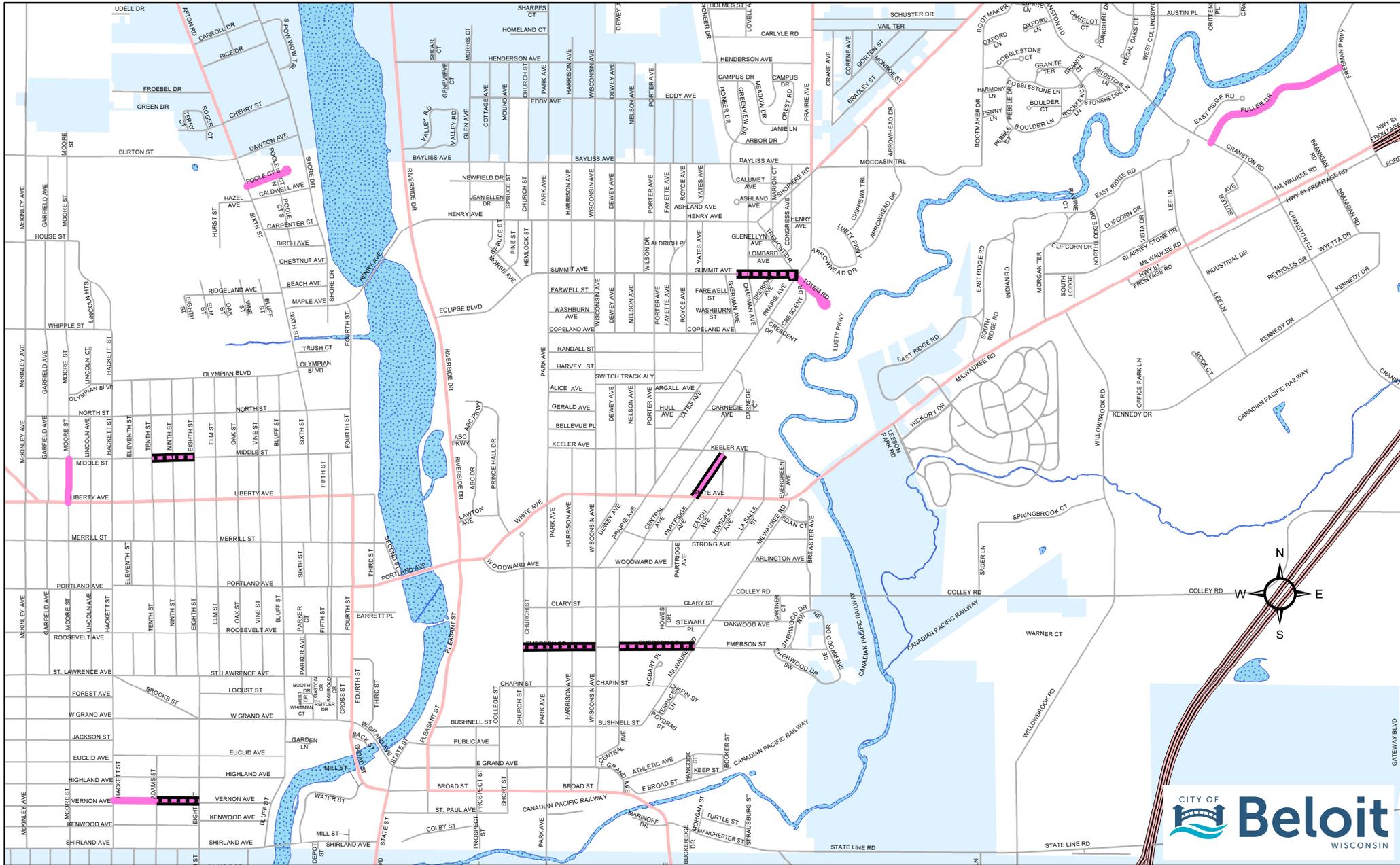


Plan Year 2023						
Capital Improvement						
Street Name	From	Toward	Scope	Length (Feet)	Cost	
Broad St	Rock River	to Rock River	Bearing Replacement	265	Project is cost specific	
Gaston Dr	W Grand	to St Lawrence	Reconstruction	670	\$	192,202
Merrill St	Third	to Fourth	Reconstruction	328	\$	148,960
Oak St	St Lawrence	to Roosevelt	Reconstruction	665	\$	302,008
Roosevelt Ave	Oak	to Elm	Reconstruction	331	\$	150,323
Strong Ave	Prairie	to Central	Reconstruction	357	\$	162,131
Townline Ave	Shirland	to Jackson	Mill & Overlay & Curb	1,662	\$	324,051
Townline Ave	W Grand	to St Lawrence	Mill & Overlay & Curb	673	\$	135,080
Townline Ave	St Lawrence	to Roosevelt	Stabilize and Repave	658	\$	39,300
2023 Capital Improvement (17 Blocks)					\$	1,454,055
Street Maintenance						
Street Name	From	Toward	Scope	Length (Feet)	Cost	
Chapin St	Church St	to Park	Mill & Overlay	370	\$	21,184
Division St	Mildred	to Liberty	Mill & Overlay	956	\$	51,456
Harrison Ave	Summit	to Henry	Mill & Overlay & Crack and Seat & Curb	811	\$	164,123
Lasalle St	Strong	to White	Mill & Overlay	746	\$	37,167
Mary St	Merrill	to Liberty	Mill & Overlay	582	\$	35,638
Merrill St	Second	to Third	Mill & Overlay & Crack and Seat & Curb	163	\$	36,386
Merrill St	Mary	to Division	Mill & Overlay	981	\$	70,472
Merrill St	Division	to Bittel	Stabilize and Repave	658	\$	30,402
Moccasin Tr	Shopiere	to Bootmaker Dr	Mill & Overlay	2,569	\$	163,886
Portland Ave	Hackett	to Lincoln	Mill & Overlay & Curb	327	\$	65,753
Portland Ave	Garfield	to Mckinley	Mill & Overlay & Curb	363	\$	72,524
Ritsher St	Portland	to Merrill	Mill & Overlay	744	\$	48,021
Switch Track	Wisconsin Ave	to Prairie	Reconstruction	1,974	\$	605,638
W Grand Ave	Moore	to Mckinley	Reconstruction	665	\$	355,938
2023 Capital Improvement (21 Block)					\$	1,758,589

Plan Year 2024					
Capital Improvement					
Street Name	From	Toward	Scope	Length (Feet)	Cost
Emerson St	Church to	Wisconsin	Reconstruction	1,109	\$ 528,832
Emerson St	Central to	Milwaukee	Reconstruction	1,149	\$ 547,907
2024 Capital Improvement		(4 Blocks)			\$ 1,076,739

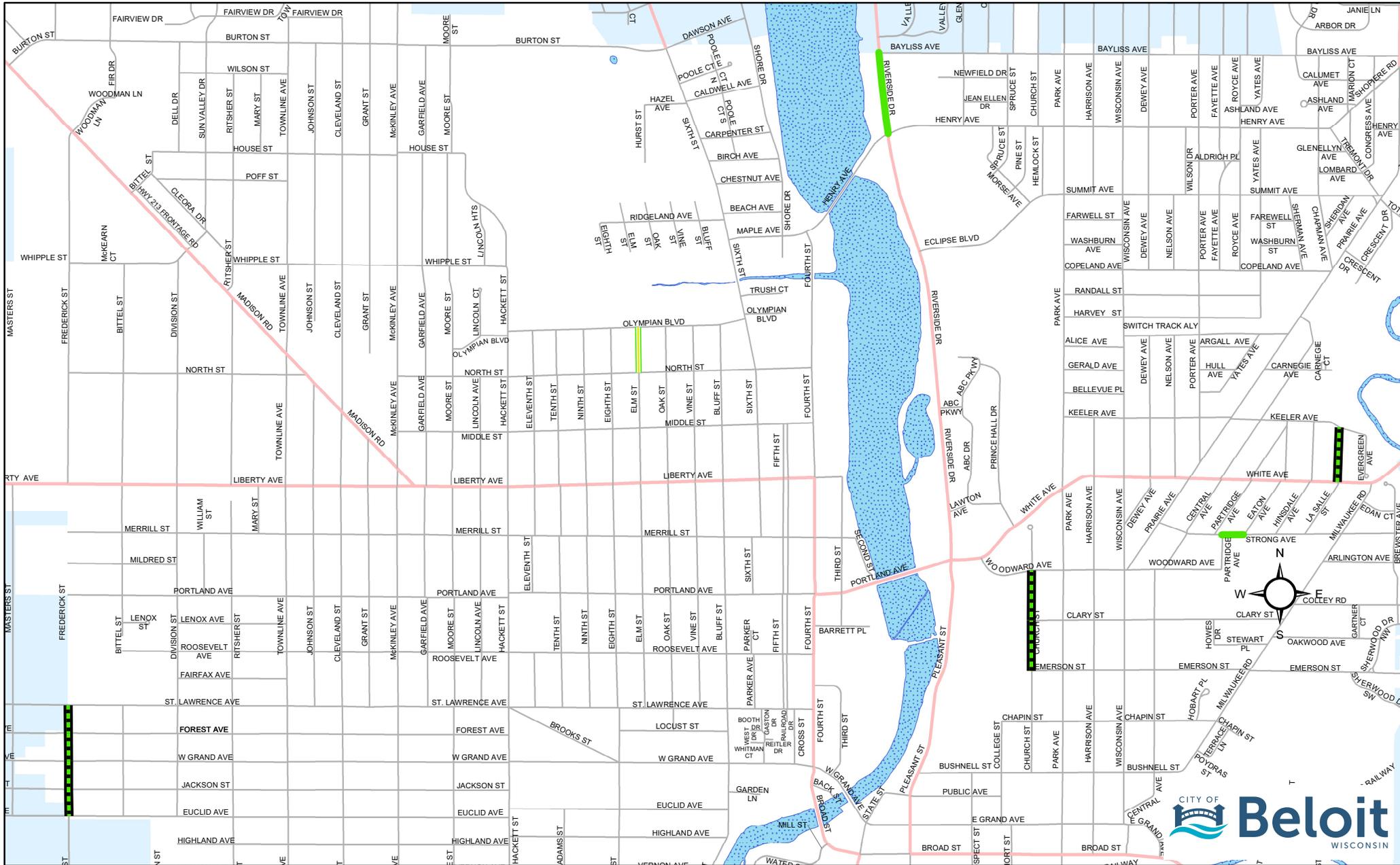
Street Maintenance					
Street Name	From	Toward	Scope	Length (Feet)	Cost
Fuller Dr	Cranston to	Freeman	Mill & Overlay	2,425	\$ 104,323
Middle St	Eighth to	Tenth	Reconstruction	652	\$ 322,013
Moore St	Liberty to	Middle	Mill & Overlay	663	\$ 36,318
Partridge Ave	White to	Eaton	Mill & Overlay & Curb	794	\$ 161,260
Poole Ct E	Sixth to	Cul-De-Sac	Mill & Overlay	761	\$ 56,746
Summit Ave	RR Tracks to	Prairie	Reconstruction	1,073	\$ 511,666
Totem Rd	Cul-De-Sac to	Prairie	Mill & Overlay	870	\$ 38,789
Vernon Ave	Eighth to	Adams	Reconstruction	653	\$ 311,386
Vernon Ave	Adams to	Hackett	Mill & Overlay	659	\$ 36,126
2024 Capital Improvement		(13 Block)			\$ 1,578,628

2024 Streets Plan



Plan Year 2025					
Capital Improvement					
Street Name	From	Toward	Scope	Length (Feet)	Cost
Church St	Emerson St to	Woodward Ave	Reconstruction	1,209	\$ 713,441
Frederick St	Euclid to	St Lawrence	Reconstruction	1,330	\$ 475,663
2025 Capital Improvement		(6 Blocks)			\$ 1,189,104
Street Maintenance					
Street Name	From	Toward	Scope	Length (Feet)	Cost
Elm St	North St to	Olympian	Crackfill	545	\$ 2,045
Lasalle St	White to	Keeler	Reconstruction	659	\$ 318,176
Riverside Dr	Henry to	Bayliss	Mill & Overlay	981	\$ 107,193
Strong Ave	Partridge (Sout to	Eaton	Mill & Overlay	261	\$ 17,857
2025 Capital Improvement		(4 Block)			\$ 445,270

2025 Streets Plan



Appendix A

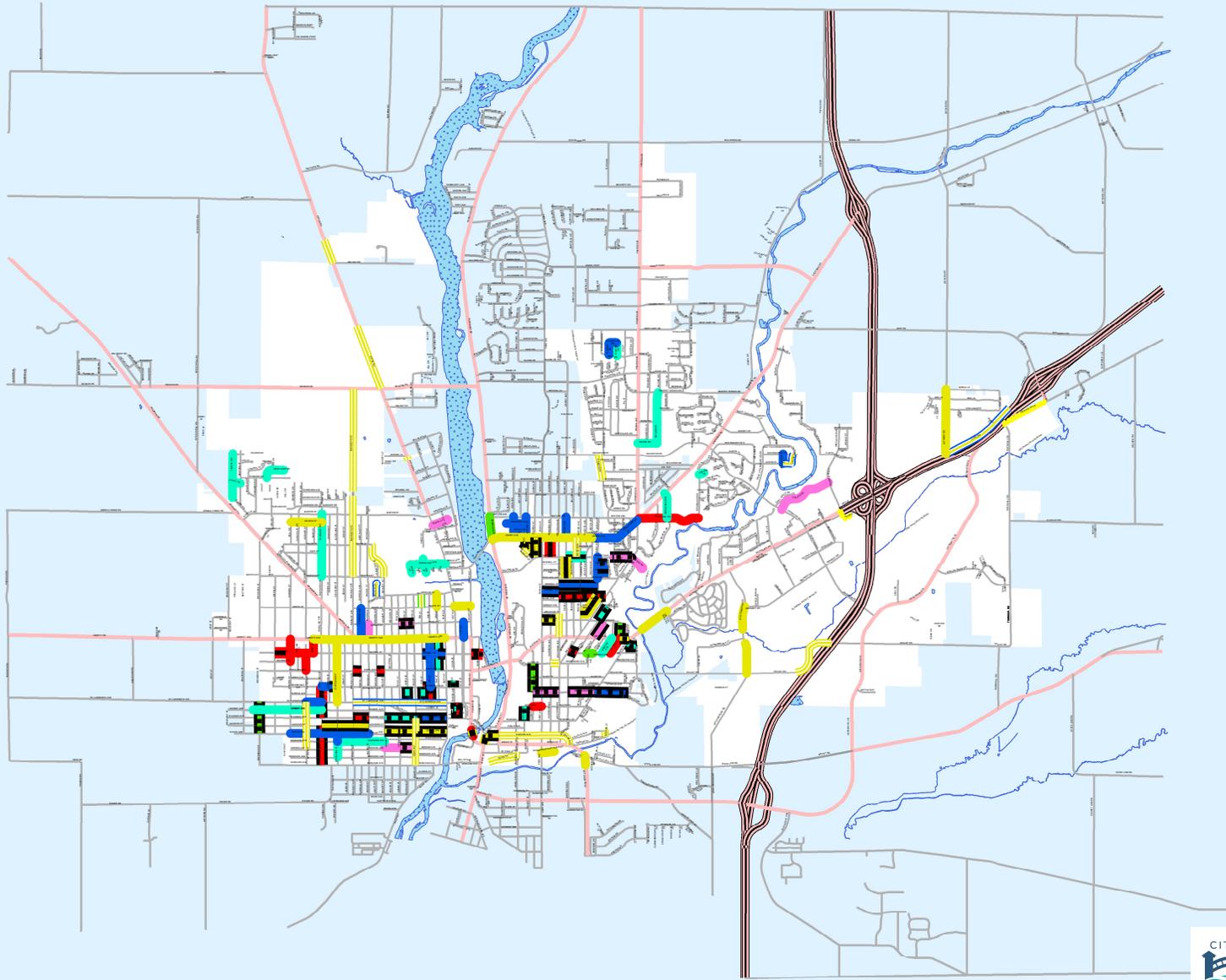
Alphabetical listing of all streets scheduled

Year	Street Name	From	Towards	Work Required
2020	Afton Rd	Newark	to City Limits	Crackfill
2020	Afton Rd	Big Hill Rd	to N City Limits	Crackfill
2020	Afton Rd	Udell Dr	to Jeannie La	Crackfill
2022	Arrowhead Dr	Moccasin Trl	to Shopiere Rd	Mill & Overlay
2021	Austin Pl	Crittenden Dr	to Carnforth Pl	Overlay
2020	Booker St	E Broad	to Athletic	Crackfill
2020	Broad St	Rock River	to Rock River	Deck Repairs
2023	Broad St	Rock River	to Rock River	Bearing Replacement
2022	Butlin Dr N	Post	to E Carolyn	Mill & Overlay
2021	Carnforth Pl	Austin Pl	to Chatsworth Dr	Overlay
2021	Carolyn Dr E	Wood	to Butlin	Mill & Overlay
2023	Chapin St	Church St	to Park	Mill & Overlay
2025	Church St	Emerson St	to Woodward Ave	Reconstruction
2020	Cleveland St	St Lawrence	to Liberty	Mill & Overlay
2021	Cleveland St	Highland	to Euclid	Mill & Overlay
2022	Cleveland St	Kenwood	to Highland	Mill & Overlay
2021	Clinic Rd	Lathers	to City Limits	Overlay
2020	Colby St	End West	to Prospect	Crackfill
2020	Colley Rd	Begin Curve	to Interstate 90	Crackfill
2021	Crittenden Pl	Austin	to Chatsworth	Mill & Overlay
2020	Dearborn St	Illinois	to Manchester	Mill & Overlay
2020	Dewey Ave	Copeland	to Summit	Mill & Overlay & Crack and Seat
2021	Dewey Ave	Henry	to Bayliss	Mill & Overlay
2023	Division St	Mildred	to Liberty	Mill & Overlay
2020	E Grand Ave	State	to Pleasant	Reconstruction
2020	E Grand Ave	Pleasant	to Broad	Crackfill
2020	Eighth St	Shirland	to Kenwood	Crackfill
2020	Eighth St	Shirland	to W Grand	Crackfill
2022	Eighth St	End South	to Ridgeland	Mill & Overlay
2025	Elm St	North St	to Olympian	Crackfill
2021	Emerson St	Milwaukee	to Sherwood North	Reconstruction
2024	Emerson St	Church	to Wisconsin	Reconstruction
2024	Emerson St	Central	to Milwaukee	Reconstruction
2020	Euclid Ave	Bluff	to Hackett	Reconstruction
2021	Euclid Ave	Moore	to Division	Mill & Overlay
2021	Farwell St	Yates	to Sherman	Stabilize and Repave & Curb
2021	Fifth St E	Liberty	to Middle	Mill & Overlay
2020	Ford St	Milwaukee	to End South	State Realignment
2022	Forest Ave	Townline	to City Limits	Mill & Overlay
2025	Frederick St	Euclid	to St Lawrence	Reconstruction
2024	Fuller Dr	Cranston	to Freeman	Mill & Overlay
2021	Garfield Ave	Liberty	to North St	Mill & Overlay
2023	Gaston Dr	W Grand	to St Lawrence	Reconstruction
2020	Gateway Blvd	Townhall Rd	to CTH X	State Sewer & Water
2021	Glen Ave	Henry	to Bayliss	Mill & Overlay
2020	Hackett St	Whipple	to House	Crackfill
2023	Harrison Ave	Summit	to Henry	Mill & Overlay & Crack and Seat & Curb
2021	Harvey St	Park	to Wisconsin	Mill & Overlay & Curb

Year	Street Name	From	Towards	Work Required
2020	Hemlock St	Morse	to Henry	Reconstruction
2020	Henry Ave	Riverside	to Royce	Mill & Overlay
2021	Henry Ave	Royce	to Tremont	Mill & Overlay
2022	Highland Ave	Hackett	to Cleveland	Mill & Overlay
2022	Hinsdale Ave	Strong	to White	Mill & Overlay
2020	Jackson St	Moore	to Townline	Mill & Overlay & Curb
2021	Jean Ellen Dr	Glen	to Spruce	Mill & Overlay
2020	Keeler Ave	Park	to Wisconsin	Reconstruction
2022	Knoll View Dr	Staborn	to Dell	Mill & Overlay
2023	Lasalle St	Strong	to White	Mill & Overlay
2025	Lasalle St	White	to Keeler	Reconstruction
2020	Lathers Rd	Clinic	to Minnie	Mill & Overlay
2022	Laurel Dr	Linway	to Masters	Mill & Overlay
2020	Liberty Ave	Bluff	to Mary	Panel Replacement
2021	Lincoln Ct	Olympian	to Cul-De-Sac	Crackfill
2022	Linway Dr	Cleora	to Palmer	Mill & Overlay
2023	Mary St	Merrill	to Liberty	Mill & Overlay
2022	Mason Rd	Prairie	to Skyline	Mill & Overlay
2020	Mckinley Ave	Whipple	to City Limits	Crackfill
2020	Mckinley Ave	945' N Of Burton	to Newark	Crackfill
2021	Merrill St	Bluff	to Elm	Mill & Overlay & Curb
2023	Merrill St	Third	to Fourth	Reconstruction
2023	Merrill St	Second	to Third	Mill & Overlay & Crack and Seat & Curb
2023	Merrill St	Mary	to Division	Mill & Overlay
2023	Merrill St	Division	to Bittel	Stabilize and Repave
2024	Middle St	Eighth	to Tenth	Reconstruction
2020	Milwaukee Rd	Bridge	to Leeson Park	Panel Replacement
2023	Moccasin Tr	Shopiere	to Bootmaker Dr	Mill & Overlay
2024	Moore St	Liberty	to Middle	Mill & Overlay
2020	Morse Ave	Spruce	to Pine	Crackfill
2021	Newfield Dr	End West	to Spruce	Mill & Overlay
2020	North St	Fourth	to Sixth	Turnlane
2021	Oak St	Roosevelt	to Liberty	Mill & Overlay
2022	Oak St	End South	to End North	Mill & Overlay
2023	Oak St	St Lawrence	to Roosevelt	Reconstruction
2022	Oxford Ln	Bootmaker	to End E	Mill & Overlay
2024	Partridge Ave	White	to Eaton	Mill & Overlay & Curb
2020	Pine St	Morse	to Henry	Reconstruction
2020	Pioneer Dr	Henderson	to Cranston	Crackfill
2024	Poole Ct E	Sixth	to Cul-De-Sac	Mill & Overlay
2023	Portland Ave	Hackett	to Lincoln	Mill & Overlay & Curb
2023	Portland Ave	Garfield	to Mckinley	Mill & Overlay & Curb
2020	Prospect St	Colby	to St Paul	Crackfill
2021	Randall St	Wisconsin	to Yates	Mill & Overlay & Curb
2022	Ridgeland Ave	Sixth	to Eighth	Mill & Overlay
2020	Ritsher St	Highland	to St Lawrence	Crackfill
2023	Ritsher St	Portland	to Merrill	Mill & Overlay
2025	Riverside Dr	Henry	to Bayliss	Mill & Overlay

Year	Street Name	From	Towards	Work Required
2021	Roosevelt Ave	Cleveland	to Townline	Mill & Overlay
2023	Roosevelt Ave	Oak	to Elm	Reconstruction
2021	Shopiere Rd	Tremont	to Prairie	Mill & Overlay
2022	Skyline Dr	Mason	to Murphy Woods	Mill & Overlay
2020	Spruce St	Morse	to Henry	Reconstruction
2021	Spruce St	Henry	to Bayliss	Mill & Overlay
2021	St Lawrence Ave	Bluff	to Mckinley	Crackfill
2021	St Lawrence Ave	Townline	to Ritscher	Mill & Overlay
2020	St Paul Ave	Park	to End East	Mill & Overlay
2020	State St	Broad	to E Grand	Brick Maintenance
2023	Strong Ave	Prairie	to Central	Reconstruction
2025	Strong Ave	Partridge (Sout	to Eaton	Mill & Overlay
2022	Summit Ave	Dewey	to Fayette	Mill & Overlay & Crack and Seat & Curb
2024	Summit Ave	RR Tracks	to Prairie	Reconstruction
2023	Switch Track	Wisconsin Ave	to Prairie	Reconstruction
2024	Totem Rd	Cul-De-Sac	to Prairie	Mill & Overlay
2022	Townline Ave	Whipple	to Burton	Mill & Overlay
2023	Townline Ave	Shirland	to Jackson	Mill & Overlay & Curb
2023	Townline Ave	W Grand	to St Lawrence	Mill & Overlay & Curb
2023	Townline Ave	St Lawrence	to Roosevelt	Stabilize and Repave
2024	Vernon Ave	Eighth	to Adams	Reconstruction
2024	Vernon Ave	Adams	to Hackett	Mill & Overlay
2020	Vine St	North St	to Olympian	Mill & Overlay
2022	Vine St	Portland	to Liberty	Mill & Overlay & Curb
2021	W Grand Ave	Bluff	to Eighth	Reconstruction
2022	W Grand Ave	Eighth	to Hackett	Reconstruction
2023	W Grand Ave	Moore	to Mckinley	Reconstruction
2021	Washburn St	Yates	to Sherman	Stabilize and Repave
2020	White Ave	Lasalle	to Milwaukee	Reconstruction
2020	Willowbrook Rd	Colley	to Kennedy	Panel Replacement
2020	Wilson Dr	Summit Ave	to Henry Ave	Crackfill
2020	Wilson St	Townline	to Dell	Mill & Overlay
2020	Wisconsin Ave	White	to Bellevue	Crackfill
2021	Wood Dr N	Post	to Carolyn	Mill & Overlay
2020	Woodward Ave	Harrison	to Wisconsin	Crackfill
2020	Yates Ave	Porter	to Switch Track	Mill & Overlay & Crack and Seat & Curb
2021	Yates Ave	Copeland	to Summit	Mill & Overlay

2020 - 2025 Streets Plan



GLOSSARY OF BUDGET TERMS

Accrual Basis: The basis of accounting under which transactions are recognized when they occur, regardless of the timing of estimated cash flow.

Appropriation: Legal authorization by the City Council to make expenditures and to incur obligations for a specific purpose.

Bond or Note: A written promise to pay a specific sum of money, called face value or principal amount, at a specified date or dates in the future, called the maturity dates, together with a periodic interest rate.

Budget: The financial plan for the operation of a program or organization which includes estimated or proposed expenditures for a given period and the proposed means of financing those expenditures.

Capital Improvement Budget (CIB): Authorization by the City Council to undertake selected capital improvement project as outlined in the CIP for the coming year.

Capital Improvement Program (CIP): An annually updated 6-year plan or schedule of projected expenditures for public facilities and improvements which includes estimated project costs, sources of funds and timing of work over a six-year period.

Capital Outlay: Fixed assets which have a value of \$1,000 or more and have a useful economic lifetime of more than one year.

Contingency: A budgetary reserve set aside for emergencies or unforeseen expenditures not otherwise budgeted.

Debt Service Fund: A fund established to account for the accumulation of resources for and the payment of general long term debt, principal, and interest.

Depreciation: That portion of the cost of a capital asset that is charged as an expense during a period. This is a process of estimating and recording the lost usefulness, expired useful life, or diminution of service from a fixed asset that cannot or will not be restored by repair and will be replaced. The cost of the loss of usefulness of a fixed asset is the depreciation or the cost to reserve in order to replace the item at the end of its useful life.

Equipment Replacement Fund: A separate Internal Service Fund of the City used to accumulate resources for the replacement of rolling stock owned by the City with a value of more than \$10,000 and a useful life of greater than 8 years.

Expenditures: The cost of goods received or services rendered for the City.

Financial Policy: The City's policy with respect to taxes, spending and debt management as they relate to government services programs, and capital investments.

Fund Balance: Funds remaining after the application of available revenues and resources to support expenditures for the fund.

Fund: The fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources together with all related liabilities and residual equity or balances and changes therein which are segregated for the purpose of carrying out specific activities or obtaining certain objectives in accordance with special regulations, restrictions or limitations.

GLOSSARY OF BUDGET TERMS

General Obligation Bonds: Bonds for the payment of which the full faith and credit of the issuing government are pledged.

General Obligation Corporate Purpose Bonds: Borrowing for any project for a public purpose or refunding any municipal obligation, including interest on them. Source of repayment is a direct, annual, irrevocable tax. Maximum term is 20 years from the date of the obligation.

General Obligation Promissory Note: Borrowing for any public purpose, including but not limited to paying any general or current municipal expense, and refunding any municipal obligation, including interest on them. Source of repayment is a direct, annual, irrevocable tax. Maximum term is 10 years from the date of the obligation.

Geographic Information Systems (GIS): Text and mapping information connected through a database located on a server.

Intergovernmental Aids/Grants: Revenues from other governments, primarily in the form of Federal and State Grants, but may also be payments from other local governments.

Special Assessment: A compulsory levy made against certain properties to defray part or all of the cost of a specific improvement or service deemed to primarily benefit those properties.

State Trust Fund Loan: Loans to towns, villages, cities and counties for the purpose of financing projects for a public purpose permitted by the Board of Commissioners of Public Lands. Source of repayment is a direct, annual, irrevocable tax. Maximum term is not to exceed 20 years.

Tax Incremental Finance District (TID or TIF): An economic development tool used to provide improvements such as demolition of buildings, infrastructure improvements, or infrastructure extensions to businesses. The districts captures the added tax value of all taxing jurisdictions and uses the added value to pay for improvements.

Utility Revenue Bond: a bond issued to finance the construction of public utility services.

GLOSSARY OF ACRONYMS

ADA	Americans with Disabilities Act.
AMR	Automated Meter Reading
BHA	Beloit Housing Authority.
BMHS	Beloit Memorial High School.
BTS	Beloit Transit System.
BYHA	Beloit Youth Hockey Association.
CAD	Computer Aided Design.
CBRNE	Chemical, Biological, Radiological, Nuclear, Explosive.
C&G	Curb and gutter.
CIB	Capital Improvement Budget.
CIP	Capital Improvement Program.
CIPP	Cured-in-place pipe.
CMOM	Capacity, Management, Operations, and Maintenance.
COB	City of Beloit.
DEF	Diesel Exhaust Fluid.
DHL	Diggers Hotline Locating.
DNR	Department of Natural Resources.
DPW	Department of Public Works.
DO	Dissolved Oxygen.
DOT	Department of Transportation.
DOZ	Gateway Development Opportunity Zone.
EAB	Emerald Ash Bore.
EAV	Equalized Assessed Value.

GLOSSARY OF ACRONYMS

ECD	Electronic Control Devices.
EMS	Emergency Medical Staff.
EOC	Emergency Operations Center.
EPA	Environmental Protection Agency.
FTA	Federal Transit Administration.
GIS	Geographic Information Systems.
GPM	Gallons Per Minute.
GPS	Global Positioning System.
HGL	Hydraulic Grade Line.
HUD	United States Department of Housing and Urban Development.
HVAC	Heating, Ventilating, and Air Conditioning.
I&I	Inflow & Infiltration.
KHGC	Krueger Haskell Golf Course.
LCP	Local Control Panel.
LRIP	Local Road Improvement Program.
LS	Lift station.
MCL	Maximum Contamination Level.
MDC	Mobile data computer.
MiLB	Minor League Baseball
NFPA	National Fire Protection Association.
PARC	Parks And Recreation Committee
PCS	Process Control Systems.

GLOSSARY OF ACRONYMS

POROS	Parks & Recreation Open Space Plan
PRV	Pressure Reducing Valve.
PSC	Public Service Commission.
RFP	Request For Proposal.
ROW	Right of Way.
SCBA	Self contained breathing apparatus.
SSO	Sanitary Sewer Overflow.
TDP	Transit Department Plan.
TEA	Transportation Economic Assistance.
TID or TIF	Tax Incremental Finance District.
TMDL	Total Maximum Daily Load.
TOD	Total Oxygen Demand.
VFD	Variable Frequency Drive.
WDNR	Wisconsin Department of Natural Resources.
WISDOT	Wisconsin Department of Transportation.
WPCF	Water Pollution Control Facility.